

# BIBCO TRAINING MANUAL

3<sup>rd</sup> edition, revised December 1999

#### Acknowledgment

Many librarians and trainers collaborated in the development and refinement of this 3<sup>rd</sup> edition of the BIBCO Training Manual. The Program for Cooperative Cataloging (PCC) would like to thank those who shared their advice and insight into revising the BIBCO training materials and especially acknowledge some of the few individuals whose supreme efforts made this revised edition possible.

Recognition is given to Kate Harcourt (Columbia University) Robert Killheffer (Yale University), and Susan Summer (Columbia University) who graciously agreed to revise the training manual and whose work resulted in the final draft.

For providing examples, advice, creative ideas, and help in reviewing the documentation appreciation goes to Jain Fletcher (UCLA), William Garrison (University of Colorado), and Adam Schiff (University of Washington). As in the 1<sup>st</sup> edition Joan Swanekamp (Yale), former Chair of the PCC's Standing Committee on Training (SCT), must be recognized for providing guidance and direction throughout the revision process. The PCC is deeply indebted to Carol Hixson (UCLA), Chair of the SCT, for her efforts at editing the materials, her energy and leadership, and her ability to keep the publication deadline.

The BIBCO Training manual is designed to support the PCC's goal of producing mutually acceptable bibliographic records that can be shared among libraries with little or no need for local cataloging effort. The original edition of this manual was used to train over thirty BIBCO libraries; moreover, the global library community has truly benefitted from this training material through the additional bibliographic records now available for use. For that 1<sup>st</sup> edition the PCC acknowledges the work of Penny Mattern (OCLC), who provided its foundation. The PCC also appreciates the insights garnered by Summer, Harcourt, Garrison, Fletcher, et al. during training workshops which complemented and improved the original text.

To the above named institutions that supported the expenditure of time by their staff members and especially to the Library of Congress for providing administrative and technical support in this newest effort, the PCC conveys its gratitude.

Michael Kaplan, Ph.D.

Michael Cople

Chair, Program for Cooperative Cataloging

October, 1999

PROGRAM FOR COOPERATIVE CATALOGING

# PCC Cataloging Program Training Package - for Participants

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#### **SYLLABUS:**

#### Introduction

Instructor **Participants** 

Session

Materials

Agenda

Housekeeping

- 1. PCC history and overview
- 2. The Standard: concept of 'core record' as a 'dynamic record? and 'quality record?
  - A. What elements are expected to be in a record
  - B. Quality record as dependably usable record (flexible and dynamic) as opposed to 'right'
- 3. Basic cataloging principles
  - A. End user needs
  - B. Cataloger needs
  - C. Values (Competencies)
- 4. Retrieval issues
  - A. OPAC searching implications
  - B. Cataloging decisions and their implications

costs per record

cataloger output

usability of records by library users and other libraries

5. Description and access

Emphasis on principles and effective decision making for PCC work starting from various levels of fullness of cataloging records

6. Series

PCC core and full tracing decisions

- 7. Subject analysis and Classification
  - A. Subject analysis for core records
  - B. SACO procedures for submitting changes/additions to subject headings and classification

#### FOR PARTICIPANTS

#### **GOALS:**

- \* To increase the supply of dependably useful records in the world cataloging record pool
- \* To increase the number of catalogers and institutions contributing to the pool at that standard or higher.

#### **OBJECTIVES:**

After the workshop, participants will be able to:

- \* Define a quality cataloging record in terms of usability and timeliness to end users and other catalogers
- \* To review the philosophy of the core record [flexibility and dynamic nature]
- \* To develop cataloger judgment, decision-making skills, and time-management skills to enable the cataloger to determine the appropriate treatment and/or level of cataloging for different types of material. To demonstrate these values and skills through focused exercises and examples drawn from descriptive and subject analysis practice
- \* To develop a common understanding of cataloging principles and their application in an online catalog environment, emphasizing issues of retrieval and the implications of various cataloging decisions and practices
- \* Training will include review of required 'core' descriptive cataloging elements (including series) and core subject analysis practices

#### **AUDIENCE:**

Audience: 'Generalist? original cataloger assuming a proficiency in original cataloging, a knowledge of national standards and reference sources and an institutional commitment to catalog librarian training.

#### Workshop assumes:

- 1. Every participant is already convinced of the value of cooperative cataloging
  - Managers and administrators
  - Revisers
  - Principal catalogers
  - Catalogers
- 2. Every participant is a competent cataloger and catalogs to national standards using AACR2R, LCRIs, LCSH/MeSH and input standards of national utilities

M = Mandatory; MA = Mandatory if applicable

505: Contents note

6XX: Subject Headings

8XX: Explicit Series Tracing

7XX: Added Entries

533: Reproduction note



# Core Bibliographic Record for Books

#### Revised April 1996

LEADER & DIRECTORY: Code as national level VARIABLE CONTROL FIELDS: 001,003,005,007,008 Code as national level 010: Library of Congress Control Number (LCCN) MA 020: \$a International Standard Book Number (ISBN) MA 040: Cataloging Source Code 042: Authentication Code M [2] 050,082,086,090, etc. Call number M [3] 1XX Main Entry MA 240: Uniform title MA [4] 245: Transcription of title, other title, statement of responsibility Μ 246: Varying form of title MA [5] 250: Edition Statement MA 260: Imprint (place of publication, publisher, and date of publication) Μ 300: Physical Description М 4XX: Series statement MA [6] 5XX: Note Fields MA [7] 500: Source of title if not from t.p. MA 502: Dissertation note MA [8]

MA [9]

MA [10]

MA [11]

MA [6]

MA

#### Footnotes:

- 1. Applying the latest published version of the National Level Record (NLR) standard, code all bytes and fields designated by the NLR as mandatory, and supply any applicable bytes and fields designed by the NLR as mandatory-if-applicable. The NLR standard is detailed in the Appendix of the USMARC Format for Bibliographic Data prepared by the Network Development and MARC Standards Office, Library of Congress. NOTE: Depending on the individual automated system or bibliographic utility, part or all of the Leader and Directory and some variable control fields may be system supplied.
- 2. For Program for Cooperative Cataloging records only
- 3. Assign at least one classification number from an established classification system supported in the USMARC Format.
- 4. Supply a uniform title if it is known or can be readily inferred from the item being cataloged.
- 5. Title Variants: Use judgment in assessing each item and assign a complement of title variants which covers variations deemed important and coded as appropriate. The importance of tile variant access information is intended to reflect individual cataloger's judgment and/or local institutional policy.
- 6. Transcribe all series as found on an item in either a 490 or a 440 field. All traced series must be supported by a national level authority record. Untraced series need not be supported by a national level authority record. If a national level series authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field or a 490/8xx pairing)
- 7. Only those notes that support identification of item need be included. Criteria may vary from one item to another. Notes are not required to justify added entries.
- 8. Supply a dissertation note for unpublished theses.
- 9. Supply a contents note for multipart items with separate titles.
- 10. If appropriate, assign at least one or two subject headings from an established thesaurus or subject heading system recognized by the USMARC Format. Subject headings should be assigned at the appropriate level of specificity.
- 11. Use judgment in assessing each item and assign a complement of added entries which cover relationships associated with a work (e.g., joint authors, corporate bodies, or titles of related works). The inclusion and importance of added entries are intended to reflect individual cataloger's judgment and/or local institutional policy.



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# **Core Bibliographic Record for Monographic Computer Files**

#### approved March 31, 1999

Computer files cover material encoded for manipulation by computer. These materials fall within the scope of Chapter 9 of AACR2 and, where applicable, the *Guidelines for Bibliographic Description of Interactive Multimedia* (ALA, 1994) for those institutions choosing to use these optional guidelines. Included are data (e.g., text, image, numeric, sound) and software (e.g., spreadsheets, word processors, games) that may be stored on, or contained in, carriers available by direct access (e.g., CD-ROMs) or by remote access (e.g., Internet resources).

MARC 21 coding conventions for these materials call for treating computer software (including programs, games, fonts), numeric data, computer-oriented multimedia and online systems or services as computer files (Leader/06 code 'm'). Other classes of electronic resources are coded for their most significant aspect (for example, language material, graphic, cartographic material, sound, music, moving image). Use of this core record for all monographic electronic resources regardless of the Leader/06 code is sufficient. This does not preclude considering the requirements of another core standard if desired.

March 13, 1999

M = Mandatory; MA = Mandatory if applicable LEADER & DIRECTORY Code as national level [1] VARIABLE CONTROL FIELDS 001, 003, 005, 006, 007, 008 Code as national level [1] 010: Library of Congress Control Number (LCCN) MA 020: \$a International Standard Book Number (ISBN) MA 040: Cataloging Source 042: Authentication Code M[2]1XX: Main Entries MA 240: Uniform Title MA [3]

| 245: | Title Statement \$a, h all other subfields   | M<br>MA                               |
|------|--|---------------------------------------|
| 246: | Varying Form of Title  | MA [4]                                |
| 250: | Edition Statement  | MA                                    |
| 260: | Publication, Distribution, Etc. (Imprint)  | M                                     |
| 300: | Physical Description   | M [5]                                 |
| 4XX: | Series Statements  | MA [6]                                |
| 5XX: | Notes 538: System Details Note 500: Source of Title Proper 500: Source of Edition Note 500: Accompanying Material 502: Dissertation Note 520: Summary, etc. 505: Formatted Contents Note | MA [7] -M [8] -M -MA [9] -MA [10] -MA |
| 6XX: | Subject Access Fields  | MA [13]                               |
| 7XX: | Added Entries  | MA [14]                               |
| 8XX: | Series Added Entries   | MA [6]                                |
| 856: | Electronic Location and Access   | MA [15]                               |

#### Footnotes:

- 1. Applying the latest published version of the National Level Record (NLR) standard, code all bytes and fields designated by the NLR as mandatory, and supply any applicable bytes and fields designated by the NLR as mandatory-if-applicable. The NLR standard is detailed in Appendix A of the MARC 21 Format for Bibliographic Data prepared by the Network Development and MARC Standards Office, Library of Congress. Note: Depending on the individual automated system or bibliographic utility, part or all of the Leader and Directory and some variable control fields may be system supplied.
- 2. For Program for Cooperative Cataloging records only; use the code "pcc".
- 3. Supply a uniform title if it is known or can be readily inferred from the item being cataloged.
- 4. Title Variants: Use judgment in assessing each item and assign a complement of title variants which covers variations deemed important and coded as appropriate. The importance of title variant access information is intended to reflect individual cataloger's judgment and/or local institutional policy.
- 5. For direct access files: Mandatory. Not applicable to remote access files.
- 6. Transcribe all series as found on an item in either a 490 or a 440 field. All traced series must be supported by a national level authority record. Untraced series need not be supported by a national level authority record. If a national level series authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field or a 490/8XX pairing).
- 7. Only those notes that support identification of the item need be included. Criteria may vary from one item to another. Notes are not required to justify added entries.
- 8. For direct access files: Make a "System requirements" note according to Chapter 9 of AACR2. For remote access files: Make a "Mode of access" note according to Chapter 9 of AACR2.
- 9. Make a note for the edition statement if it is not taken from the source of the title proper. If using the

- Guidelines for Bibliographic Description of Interactive Multimedia, make a note according to the instructions in those guidelines.
- 10. For **remote access files:** Make if material is available as a separate online file or physical document and that information is not already given in another note.
- 11. Minimally, supply a brief summary note if the content of the item is not obvious from the rest of the bibliographic record.
- 12. Supply as appropriate for collections, compilations, or for any multi-part work.
- 13. If appropriate, supply at least one or two subject access fields from an established thesaurus or subject heading system and/or genre/form list recognized by the MARC 21 Format.
- 14. Use judgment in assessing each item and assign a complement of added entries which cover primary relationships associated with a work (e.g., writer, programmer, principal investigator, producer, featured composer, animator and/or other artist). The inclusion and importance of added entries are intended to reflect individual cataloger's judgment and/or local institutional policy.
- 15. If applicable, assign at least one 856 field giving an electronic location of the item at the time of cataloging.

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# Core Standard for Rare Books (DCRB core)

### approved January 1999

As its name indicates, the Core Standard for Rare Books (DCRB Core) is to be applied to books whose dates range from 1500-1800. This explicitly excludes books printed before 1500 (incunabula), which should be cataloged as fully as appropriate. Alternatively, this does *not* exclude books printed after 1800, which may be cataloged according to the principles of DCRB, in keeping with the practices of the owning institution. Catalog records for books which apply the DCRB Core standard must give the designation "dcrb" in subfield "e" of the 040 field.

It is expected that material will be carefully chosen for core treatment by institutions, curators, catalogers with the idea that it will, for the most part, be considered more important for accessibility than for its bibliographic details or its history. The commitment, on the cataloger's part, is to render bibliographic details of the book as accurately as possible insofar as they are presented by the specimen in hand; also, to ensure that they are scrupulously stated, according to the provisions of DCRB. The strength of DCRB is that it provides for "expanded coverage" of books deserving such treatment; by inversion, it is possible to use those provisions for expansion as guidelines for trimming. By omitting most notes (except for those deemed essential for clarity or clarification or to aid in identification and/or retrieval) and by taking the options given in DCRB to abbreviate descriptive areas or by not taking the options to expand the same areas, an effective, DCRB-oriented core record can be created. For a summary of options read the DCRB list of optional rules.

Aside from the difference in the application of DCRB rules to this core treatment, the overall intent of the Core Standard for Books is considered appropriate for rare books. The following table, with footnotes, indicates the few areas where DCRB Core departs from the PCC Core Bibliographic Record for Books. Except as indicated below, the requirements for the DCRB Core are the same as for the Books core.

To help clarify the application of the Core Standard, a set of <u>examples</u> has been prepared to demonstrate core compared with full records.

September 1998

M = Mandatory; MA = Mandatory, if applicable; NR = Not required

| 040 \$e dcrb                                 | M  | [1] |
|--|----|-----|
| 050, 082, 086, 090, etc.                     | NR | [2] |
| 245-4XX                                      | MA | [3] |
| 500: Notes required in particular situations | MA | [4] |
| 510: Citation note                           | MA | [5] |
| 655: Genre/form headings                     | NR | [6] |

#### Footnotes:

- [1] Since the use of DCRB is required in this cataloging standard, the designation "dcrb" in subfield "e" is necessary as a form of proof. Please note that the first version of these rules (BDRB) may not be considered for this cataloging.
- [2] Since institutional practices for rare books often involve locally formulated call numbers, a requirement for a national standard classification could cause additional or undue effort for creators of DCRB Core records. Considering, too, that the users of these records may also be using locally formulated call numbers, the value of creating them further diminishes. If an institution supplies standard call numbers to materials covered by the DCRB Core record standard, it is encouraged to add these numbers in the appropriate call number field.
- [3] One of the basic overarching differences between AACR2 and DCRB is the method and extent to which bibliographic details (fields 245-4XX) are recorded. As to method, bibliographic details should be recorded as correctly as possible, according to the style expected for the field. As to extent, DCRB provides some options for abbreviating descriptive fields, and creators of core records for rare books are encouraged to invoke these options wherever pertinent.
- [4] DCRB prescribes transcription of the title, edition and publication areas as they appear on the book; sometimes, however, in a similar fashion as AACR2 transcription rules, DCRB calls for transposition of data elements. In such cases, only the note about the transposition of title area elements is required in DCRB Core. Other notes required in DCRB full are not required in DCRB Core except as required by the Books core or elsewhere in DCRB Core (cf. requirement 5 on citation notes).
- [5] Citation notes should be used as a means of abbreviating excessive description of the item. As with DCRB, the five references sources listed in 7C14 for non-incunabula are required in DCRB Core, if they apply. When other citations are used, it is further suggested that the cataloger should prefer a source that provides the fullest or most authoritative information, to keep iterations of citations to a minimum.
- [6] Addition of genre/form terms to the DCRB Core record is is encouraged if local policy calls for use of such terms, as appropriate to the piece. These should be taken from one of the official RMBS thesauri maintained by the RBMS Bibliographic Standards Committee; in addition, terms from any other authorized thesaurus (e.g, the Art and Architecture Thesaurus) may be used as appropriate.

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# Core Bibliographic Record for Graphic Materials (PCC CBR-GR/Final)

### December 17, 1997

### M = Mandatory; MA = Mandatory if applicable

| LEADER & DIRECTORY                                      | Code    | as national | level | [1]     |     |
|---|---------|-------------|-------|---------|-----|
| VARIABLE CONTROL FIELDS<br>001, 003, 005, 006, 007, 008 | Code    | as national | level | [1]     |     |
| 010: Library of Congress Control                        | Number  | (LCCN)      |       | MA      |     |
| 020: International Standard Book                        | Number  | (ISBN) \$a  |       | MA      |     |
| 037: Source of Acquisition \$a                          |         |             |       | MA      | [2] |
| 040: Cataloging Source                                  |         |             |       | М       |     |
| 041: Language Code \$a, b                               |         |             |       | М       |     |
| 042: Authentication Code                                |         |             |       | М       |     |
| 1XX: Main Entry   |         |             |       | MA      |     |
| 240: Uniform Title                                      |         |             |       | MA      |     |
| 245: Title Statement<br>\$a, h<br>all other subfields   |         |             |       | M<br>MA |     |
| 246: Varying Form of Title                              |         |             |       | MA      |     |
| 250: Edition Statement                                  |         |             |       | MA      |     |
| 260: Publication, Distribution, sa, b sc                | etc. (I | mprint)     |       | MA<br>M |     |
| 300: Physical Description<br>\$a<br>\$b, c, e           |         |             |       | M<br>MA | [3] |

| 4XX: | Series Statements                                    | MA | [4]               |
|------|--|----|-------------------|
| 5XX: | Notes 546: Language Note 500: Source of Title Proper | MA | [5]<br>[6]<br>[7] |
| 6XX: | Subject Access Fields                                | MA | [8]               |
| 7XX: | Added Entries/Linking Entries                        | MA | [9]               |
| 8XX: | Series Added Entries/Alternate Graphics, etc.        | MA | [4]               |

#### **Footnotes:**

- 1. Leader & Directory, Variable Control Fields: Applying the latest published version of the National Level Record (NLR) standard, code all bytes and fields designated by the NLR as mandatory, and any applicable bytes and fields designated by the NLR as mandatory-if-applicable. The NLR standard is detailed in Appendix A of the <u>USMARC Format for Bibliographic Data</u> prepared by the Network Development and MARC Standards Office, Library of Congress. Note: Depending on the individual automated system, part or all of the leader & directory, and some variable control fields may be system-supplied.
- 2. Source of Acquisition: Minimally, supply readily available publisher number(s) (i.e. numbers appearing on the item, container, etc.).
- 3. Accompanying material (300 /e): Minimally, concisely supply the extent of any significant accompanying material.
- 4. Series Statement: Transcribe all series as found on the item in either a 490 or a 440 field. All traced series must be supported by a national-level authority record. Untraced series need not be supported by a national-level authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field, or a 490/8XX pairing).
- 5. Dissertation Note: Supply for unpublished theses.
- 6. Summary, etc. Note: Minimally, supply a brief summary note if the content of the work is not obvious from the remainder of the bibliographic record.
- 7. Formatted Contents Note: Supply as appropriate for collections, compilations, or for any multi-part work.
- 8. Subject access/genre term assignment: Minimally, supply one or two headings from an established thesaurus or a subject heading system, and/or an appropriate genre list.
- 9. Added Entries/Linking Entries: Using judgement and assessing each item on a case-by-case basis, assign added entries which cover the primary relationships associated with the work (e.g., added entry/ies for featured photographer(s) and/or other artist(s), related work entry/ies for named image(s)/work(s) of art, related work entry for an adaptation of a literary or dramatic work).

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# Core Bibliographic Record for Moving Image Materials (PCC CBR-MI/Final)

## December 17, 1997

### M = Mandatory; MA = Mandatory if applicable

| LEADER & DIRECTORY                                      | Code as national level | [1]         |
|---|------------------------|-------------|
| VARIABLE CONTROL FIELDS<br>001, 003, 005, 006, 007, 008 | Code as national level | [1]         |
| 010: Library of Congress Control                        | Number (LCCN)          | MA          |
| 020: International Standard Book                        | Number (ISBN) \$a      | MA          |
| 028: Publisher Number \$a                               |                        | MA [2]      |
| 040: Cataloging Source                                  |                        | M           |
| 041: Language Code \$a, b                               |                        | MA          |
| 042: Authentication Code                                |                        | M           |
| 1XX: Main Entry   |                        | MA          |
| 240: Uniform Title                                      |                        | MA          |
| 245: Title Statement<br>\$a, h<br>all other subfields   |                        | M<br>AM     |
| 246: Varying Form of Title                              |                        | MA          |
| 250: Edition Statement                                  |                        | MA          |
| 260: Publication, Distribution,<br>\$a, b<br>\$c        | etc. (Imprint)         | MA<br>M     |
| 300: Physical Description<br>\$a<br>\$b, c, e           |                        | M<br>MA [3] |

| 4XX: | Series Statements   | MA       | [4]                      |
|------|---|----------|--------------------------|
| 5XX: | Notes 538: System Details Note 546: Language Note 500: Source of Title Proper | MA<br>MA | [5]<br>[6]<br>[7]<br>[8] |
| 6XX: | Subject Access Fields   | MA       | [9]                      |
| 7XX: | Added Entries/Linking Entries   | MA       | [10]                     |
| 8XX: | Series Added Entries/Alternate Graphics, etc.                                 | MA       | [4]                      |

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- 2. Publisher Number: Minimally, supply readily available publisher number(s)(i.e. numbers appearing on the item, container, etc.).
- 3. Accompanying material (300 /e): Minimally, concisely supply the extent of any significant accompanying material.
- 4. Series Statement: Transcribe all series as found on the item in either a 490 or a 440 field. All traced series must be supported by a national-level authority record. Untraced series need not be supported by a national-level authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field, or a 490/8XX pairing).
- 5. Participant or Performer Note: For a core record, the 511 is required only if necessary for proper identification of the item. If so, minimally, supply those names judged necessary to assure accurate identification of the item.
- 6. Dissertation Note: Supply for unpublished theses.
- 7. Summary, etc. Note: Minimally, supply a brief summary note if the content of the work is not obvious from the remainder of the bibliographic record.
- 8. Formatted Contents Note: Supply as appropriate for collections, compilations, or for any multi-part work.
- 9. Subject access/genre term assignment: Minimally, supply one or two headings from an established thesaurus or a subject heading system, and/or an appropriate genre list.
- 10. Added Entries/Linking Entries: Using judgement and assessing each item on a case-by-case basis, assign added entries which cover the primary relationships associated with the work (e.g., added entry for the director of a feature/short/documentary film, related work entry for an adaptation of a literary or dramatic work, related work entry for a television series, related work entry/ies for works of music or dance if the works of music or dance are closely related to the content and purpose of the moving image work).



# Core Bibliographic Record for Moving Image Materials (PCC CBR-MI/Final)

## December 17, 1997

### M = Mandatory; MA = Mandatory if applicable

| LEADER & DIRECTORY                                      | Code as national le | evel [1]    |
|---|---------------------|-------------|
| VARIABLE CONTROL FIELDS<br>001, 003, 005, 006, 007, 008 | Code as national le | evel [1]    |
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| 020: International Standard Book                        | Number (ISBN) \$a   | MA          |
| 028: Publisher Number \$a                               |                     | MA [2]      |
| 040: Cataloging Source                                  |                     | М           |
| 041: Language Code \$a, b                               |                     | MA          |
| 042: Authentication Code                                |                     | $\tilde{M}$ |
| 1XX: Main Entry   |                     | MA          |
| 240: Uniform Title                                      |                     | MA          |
| 245: Title Statement \$a, h all other subfields         |                     | M<br>MA     |
| 246: Varying Form of Title                              |                     | MA          |
| 250: Edition Statement                                  |                     | MA          |
| 260: Publication, Distribution, \$a, b \$c              | etc. (Imprint)      | MA<br>M     |
| 300: Physical Description<br>\$a<br>\$b, c, e           |                     | M<br>MA [3] |

| 4XX: | Series Statements   | MA       | [4]                      |
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- 4. Series Statement: Transcribe all series as found on the item in either a 490 or a 440 field. All traced series must be supported by a national-level authority record. Untraced series need not be supported by a national-level authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field, or a 490/8XX pairing).
- 5. Participant or Performer Note: For a core record, the 511 is required only if necessary for proper identification of the item. If so, minimally, supply those names judged necessary to assure accurate identification of the item.
- 6. Dissertation Note: Supply for unpublished theses.
- 7. Summary, etc. Note: Minimally, supply a brief summary note if the content of the work is not obvious from the remainder of the bibliographic record.
- 8. Formatted Contents Note: Supply as appropriate for collections, compilations, or for any multi-part work.
- 9. Subject access/genre term assignment: Minimally, supply one or two headings from an established thesaurus or a subject heading system, and/or an appropriate genre list.
- 10. Added Entries/Linking Entries: Using judgement and assessing each item on a case-by-case basis, assign added entries which cover the primary relationships associated with the work (e.g., added entry for the director of a feature/short/documentary film, related work entry for an adaptation of a literary or dramatic work, related work entry for a television series, related work entry/ies for works of music or dance if the works of music or dance are closely related to the content and purpose of the moving image work).



# Core Bibliographic Record for Music

# and Non-Music Sound Recordings

#### Revised April 1996

| M=Mand | atory; MA=Mandatory if applicable  |                      |
|--------|--|----------------------|
| LEADER | & DIRECTORY<br>06-07 (Type of record/Bibliographic level)<br>17 (Encloding level)<br>18 (Descriptive cataloging form)  | M<br>M<br>M          |
| VARIAB | LE CONTROL FIELDS  |                      |
|        | 007 008 (Fixed Fields) 06 (Type of Date/Publication Status) 07-14 (Dates) 15-17 (Place of publication, etc.) 30-31 (Literary text) 35-37 (Language) 39 (Cataloging source) | M [1] M M M [2] M* M |
| 010:   | Library of Congress Control Number (LCCN)  | MA                   |
| 020:   | \$a International Standard Book Number (ISBN)  | MA -                 |
| 028:   | \$a,b Issue/matrix number) and label name  | MA                   |
| 040:   | Cataloging Source Code   | М                    |
| 041:   | \$d,h Languages  | MA [3]               |
| 042:   | Authentication Code  | M [4]                |
| 1xx:   | Main Entry   | MA                   |
| 240:   | Uniform Title  | MA [5]               |
| 245:   | Transcription of title, other title, statement of responsibility \$a \$b, c  | M<br>MA [6]          |
| 246:   | Varying form of title  | MA [7]               |
| 250:   | Edition Statement  | MA                   |

| 260: | <pre>Imprint (place of publication, publisher, and date of publication)</pre>          | MA [8]<br>M   |
|------|--|---|
| 300: | Physical Description (\$a, \$b, \$c)   | М   |
| 4xx: | Series Statement   | MA [9]  |
| 5xx: | Note Fields 500: Label name and issue/matrix number 500: Form of composition/Medium of | MA [10] MA [11]  MA [12] MA [13] MA MA MA MA MA MA* [14] MA [15] MA [16] MA [17] MA |
| 6xx: | Subject Headings   | MA [18]   |
| 6xx: | Subject Headings   | MA* [19]  |
| 7xx: | Added Entries  | MA [20]   |
| 8xx: | Explicit Series Tracing  | MA [9]  |

Code for non-music sound recordings.

#### FOOTNOTES:

- 1. Code as fully as possible except for character positions 02, 09, 10, & 11.
- 2. Code if readily available.
- 3. Code \$d for miltilingual items. Code \$h for translations if readily available.
- 4. For Program for Cooperative Cataloging records only.
- 5. Supply a uniform title as in full cataloging.
- 6. In cases of multiple parallel titles, MINIMALLY include the first title and any English parallel title.
- 7. Title Variants: Use judgment in assessing each item and assign a complement of title variants which covers variations deemed important and coded as appropriate. The importance of title variant access information is intended to reflect individual cataloger's judgment and/or local, institutional policy.
- 8. Code if readily available; otherwise code [S.l.]
- 9. Transcribe all series as found on an item in either a 490 or a 440 field. All traced series must be supported by a national level authority record. Untraced series need not be supported by a national level authority record. If a national level series authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field or a 490/8xx pairing).
- 10. Only those notes that support essential identification and retrieval of an item need be included. Criteria may vary from one item to antoher. Notes are not required to justify added entries.
- 11. Make only when an intelligible note in accord with AACR2 cannot be generated from the 028 field.
- 12. Include if not stated or implied elsewhere in the record (including subject headings). A note on original medium may be made if applicable to the entire recording.
- 13. Include the language of sung text if not implied from the uniform title (240) or title transcription

(245).

- 14. FOR NON-MUSIC SOUND RECORDINGS: Supply only if necessary when content of the item is unclear from the rest of the record.
- 15. Make if material is extensive or significant. Tag 300 subfield \$e may be used in lieu of this note at the cataloger's discretion.
- 16. Supply a dissertation note for unpublished theses.
- 17. Supply a contents note for multipart items with separate titles.
- 18. FOR MUSIC RECORDINGS: If appropriate, assign at least one to three subject headings from an established thesaurus or subject heading system recognized by the USMARC Format. A recording of three major classical works, for example, may receive up to three headings. If more than three works are involved, assign 1-3 broader headings as necessary.
- 19. FOR NON-MUSIC RECORDINGS: If appropriate, assign at least one or two subject headings from an established thesaurus or subject heading system recognized by the USMARC Format. Subject headings should be assigned at the appropriate level of specificity.
- 20. Use judgment in assessing each item and assign added entries for principal participants/performers. Include an analytical added entry for the second work when a recording containing two works is entered under the first. Analytical added entries for classical recordings may be made as in full cataloging when controlled access is important. The inclusion and importance of added entries are intended to reflect individual cataloger's judgment and/or local, institutional policy.



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Comments: <u>lcweb@loc.gov</u> (04/22/96)



# Core Bibliographic Record for

# **Printed and Manuscript Music**

#### Revised April 1996

M=Mandatory; MA=Mandatory if applicable LEADER & DIRECTORY 06-07 (Type of record/Bibliographic level) (Encloding level) Μ (Descriptive cataloging form) VARIABLE CONTROL FIELDS 007 MA [1] 008 (Fixed Fields) (Type of Date/Publication Status) 07-14 (Dates) (Place of publication, etc.) Μ 23 (Form of item) Μ 35 - 37(Language) Μ (Cataloging source) Library of Congress Control Number (LCCN) MA \$a International Standard Book Number (ISBN) MA 024 2: International Standard Music Number (ISMN) MA \$a,b Publisher/plate no. MA 040: Cataloging Source Code 041: \$a,h Languages MA [2] Authentication Code M [3] 050, 082, 086, 090, etc. Call Number M [4] 1xx: Main Entry MA Uniform Title 240: MA [5] Transcription of title, other title, statement of responsibility \$a

\$b, c

MA [6]

| 246: | Varying form of title   | MA | [7]  |
|------|---|----|------|
| 250: | Edition Statement   | MA |      |
| 260: | <pre>Imprint (place of publication, publisher, and date of publication)</pre> | М  |      |
| 300: | Physical Description (\$a, \$b, \$c)  | М  |      |
| 4xx: | Series Statement  | MA | [8]  |
| 5xx: | Note Fields 500: Form of composition/Medium of                                | MA | [9]  |
|      | performance   | MA | [10] |
|      | 546: Language   |    | [11] |
|      | 500: Source of title if not from t.p.   | MA |      |
|      | 502: Dissertation note 505: Contents note                                     |    | [12] |
|      | 533: Reproduction note  | MA | [13] |
|      | 500: Publisher/Plate numbers  |    | [14] |
| 6xx: | Subject Headings  | MA | [15] |
| 7xx: | Added Entries   | MA | [16] |
| 8xx: | Explicit Series Tracing   | MA | [8]  |
|      |   |    |      |

#### FOOTNOTES:

- 1. Code for microformats only.
- 2. Code \$a for miltilingual items. Code \$h for translations if readily available.
- 3. For Program for Cooperative Cataloging records only.
- 4. Assign at least one classification number from an established classification system supported in the USMARC Format.
- 5. Supply a uniform title as in full cataloging.
- 6. In cases of multiple parallet titles MINIMALLY include the first title and any English parallel title.
- 7. Title Variants: Use judgment in assessing each item and assign a complement of title variants which covers variations deemed important andcoded as appropriate. The importance of title variant access information is intended to reflect individual cataloger's judgment and/or local, institutional policy.
- 8. Transcribe all series as found on an item in either a 490 or a 440 field. All traced series must be supported by a national level authority record. Untraced series need not be supported by a national level authority record. If a national level series authority record already exists for the series, follow the first tracing practice indicated on the record and record the series and tracing appropriately (i.e., in a 490 field, a 440 field or a 490/8xx pairing).
- 9. Only those notes that support essential identification and retrieval of an item need be included. Criteria may vary from one item to antoher. Notes are not required to justify added entries.
- 10. Include if not stated or implied elsewhere in the record (including subject headings). A note on original medium may be made if applicable to the entire item.
- 11. Include the language of sung text if not implied from the uniform title (240) or title transcription (245).
- 12. Supply a dissertation note for unpublished theses.
- 13. Supply a contents note for multipart items with separate titles.
- 14. Make only when an intelligible note in accord with AACR2 cannot be generated from the 028 field.
- 15. If appropriate, assign at least one or two subject headings from an established thesaurus or subject heading system recognized by the USMARC Format. Subject headings should be assigned at the appropriate level of specificity.
- 16. Use judgment in assessing each item and assign a complement of added entries which cover primary relationships associated with a work (e.g. arranger, editor,

libretist). Include an analytical added entry for the second work when a publication containing two works is entered under the first. Analytical added entries for classical music may be made as in full cataloging when controlled access is important. The inclusion and importance of added entries are intended to reflect individual cataloger's judgment and/or local, institutional policy.



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Comments: lcweb@loc.gov (04/22/96)



# **Supplementary Core For Multiple Character Sets**

approved November 1999

Program records are encoded in a basic complement of character sets referred to in this standard as the "Latin base" (ASCII, ANSEL, USMARC Greek, USMARC subscript, USMARC superscript). This supplementary core standard provides for including additional data in non-roman form encoded in other character sets designated for use in USMARC records. Such records consist of data encoded in multiple character sets.

The decision to include data in non-roman form is purely local; there is no PCC requirement to include such data in a catalog record. [1]

In all cases PCC libraries must include in roman form all of the data elements as specified in the core standard for the type of material being cataloged. Although the decision to include data in non-roman form in any PCC record is strictly optional, when that option is exercised, it must be done so according to this supplementary core standard.

This supplementary core standard should be applied to all PCC records created for monographic materials. Records created with this supplementary core standard should conform to the requirements of the appropriate PCC monographic core first and this supplementary core second. The standard for multiple character sets applicable to serials is that found in the *Conser Editing Guide* (a combination of the applicable parts of Section B6 (*CONSER Record Requirements for Full, Core, and Minimal Level Records*), and Appendix O (*Creating Records with Data in Non-Roman Script for Chinese, Japanese, and Korean Serials*)).

The PCC Standing Committee on Standards is aware of the problems associated with the romanization of headings and the current inability to manage authority structures for romanized forms of headings and their non-roman equivalents. Until such time as changes occur in the ability of systems and the authorities format to handle roman and non-roman equivalents, romanized forms of headings must be used in core records and must be in current AACR2r form using ALA/LC romanization rules. Non-roman equivalents may be supplied but are not required in core records containing data in non-roman forms. National level authority records must be used and/or created to support romanized forms of headings. National level authority records created by NACO libraries currently cannot support headings in non-roman form.

When headings are supplied in non-roman form, names used in headings or portions of headings (e.g., name alone; name/title; name as subject/subject subdivision; name/series title) may be input as "paired"

names. Geographic subject headings may be input as paired fields. Translations of subject headings MAY be input but must be done so in a manner that clearly indicates they are non-standard (uncontrolled index terms (field 653) or identified as "source not specified" (6XX with second indicator "4")).

MA = Mandatory if applicable

|      |   | Non-Roman Form |
|------|---|----------------|
| 245: | Title Statement                           | MA_[2]         |
| 246: | Varying form of Title                     | MA             |
| 250: | Edition Statement                         | MA             |
| 260: | Publication, Distribution, etc. (Imprint) | MA             |
| 4XX: | Series Statements                         | MA             |
| 505: | Formatted Contents Note [3]               |                |

#### Footnotes:

- 1. Catalogers adding data in non-roman form to records are encouraged to consider the future use and international implications of their records and to include as much of the original script data as necessary to facilitate the identification and location of this often scarce material and its component parts.
- 2. When choosing to abridge a long title proper, follow AACR2r 1.1B4. When choosing to abridge lengthy other title information, follow AACR2r 1.1E3.
- 3. Give contents according to the specifications of the appropriate PCC monographic core. Contents for multipart items with separate titles may, by exception, be given in non-roman form only.

#### Go to

Program for Cooperative Cataloging Home Page Library of Congress Home Page

Library of Congress

Comments: lcweb@loc.gov (12/09/99)

# HISTORY (Where we came from)

1

1970s -- CONSER, NACO 1988 -- NCCP 1992 -- CCC 1995 -- PCC

# **Pressure points:**

- rising costs
- lower budgets
- costs/benefits
- savings/harm

## 3 PCC GOALS

To increase the supply of quality records in the world cataloging pool

To increase the number of catalogers and cataloging institutions contributing such records

## 4 QUALITY

New factors New definitions New awareness

# USABILITY: Requires little or no

Verification Modification Postponement or delay

5

## **DEPENDABILITY: Reliable for**

Description
Controlled access points
Classification
Subject analysis

6

### 7 TIMELINESS

New importance/value
Cataloging as 'public service'
Appropriate for the 'online age' and the electronic
environment

Minimum standard Identification / retrieval Dependably usable Known quantity

# **UPWARDLY COMPATIBLE:**

9

Provides floor or base May include additional fields up to full Provides dependable cataloging within full-record catalogs

## CORE STANDARD

10

Defined first for books materials Other formats followed

# BOTH CORE AND FULL STANDARDS HAVE THE SAME:

Authority control for headings Adherence to rules/practices Main entry choice and form Title page & series transcription Physical description

11

## 12 PARADIGM SHIFT

LIMIT: You must/must not

VS.

FLOOR: You must at least / You may add (up to full)

# 13 LOCAL DATA

Can distinguish local and non-local data as with full records

# 14 CORE RECORD JUDGMENT BOUNDED BY:

AACR2R, LCRIs, and the SCM, MeSH, etc. Core record standard Institutional policies Identification / retrieval

#### **CORE GUIDELINES:**

15

- 1. Would the proposed addition be correct in a full record?
- 2a. Would the proposed addition aid retrieval?

  OR
- 2b. Would the proposed addition aid identification?

## 16 : CORE RECORDS:

Source = c

**Encoding** 

Level= 4

042 = pcc

040 = library symbol

## APPLYING THE CORE STANDARD

- Q. Do you ever remove data from a record to meet the Core Standard?
- A. No.

17

# APPLYING THE CORE STANDARD

18

Q. If a Core Standard record contains the same fields as a full record, is it coded core or full?

## **CORE STANDARD—FIXED FIELD**

Code fully Same as full record

19

# CORE STANDARD--020, 0XX

20

Supply at least 1 020 \$a if present on item; if more than 1 present, use judgment Other 0xx fields

## 21 CORE STANDARD -- 0XX

## **Call or Class Number:**

♦ Supply a number from one recognized scheme for those core standards where it's required

# 22 : CORE STANDARD -- 1XX

# **Main Entry:**

- ♦ Include if applicable
- **♦** Establish if not already established

## **CORE STANDARD -- 240**

# **Uniform Title:**

23

- Include if known/inferable
- **♦ Establish if necessary**

## CORE STANDARD--245-300

24

Include all applicable fields Same as full-level cataloging

## Series:

- **♦ If traced, support with SAR**
- Indicate national-level tracing practice with \$5DPCC in authority record

If applicable, make notes for:

- **♦ Title source if not t.p.**
- ♦ Contents if multipart items with separate titles
- ♦ Thesis note (502)
- ♦ Reproduction note (533)

#### 27

## **CORE STANDARD -- 6XX**

If applicable, include at least 1-2 subject headings:

- **♦** from recognized list
- ♦ at appropriate level of specificity

# **CORE STANDARD -- 7XX (OR 246/247)**

# If applicable:

- ♦ Primary added entry relationships
- **♦ Important title access information**
- **♦ Up to full level**

## 29 REVISION ISSUES:

Remember guidelines Dependably usable records Retrievability and identification

# **COPY CATALOGING ISSUES**

Include copy cataloging staff in your BIBCO implementation
Editing issues
Uniform titles and untraced series
Stress the meaning of the PCC codes

#### FINE POINTS OF THE CORE RECORD STANDARD

Each number below represents one or more fields from a record. Assume each field is correct and complete as given. On the line provided, place an X, C, or J. Fields in braces (i.e., {}) are for information only.

| •  | J                                       | •           | ,1 , ,,   |
|----|---|-------------|---|
|    |   | Z<br>C<br>J | <ul> <li>= field as given does not meet core record standard.</li> <li>= field meets core record minimum standard.</li> <li>= judgment; field gives more information than required by core standard (may be present at cataloger's discretion within a core level record)</li> </ul>  |
| 1. | -                                       | 020         | 0679407200 ¶  |
| 2. |   | 020         | \$z 067940720X ¶  |
| 3. |   | 020         | \$c No price (pbk) ¶  |
| 4. |   | 041 1       | eng \$h fre ¶   |
| 5. |   | 043         | n-us¶   |
| 6. | *************************************** | 043         | f-sa \$a e-uk ¶   |
| 7. | ·<br>—                                  |             | Ornement polychrome. \$n Deuxième série. \$l English. \$k Selections ¶ Full-color picture sourcebook of historic ornament : \$b all 120 plates from "L'ornement polychrome." Series II / \$c Auguste Racinet. ¶}  |
| 8. |   | 245 10      | Holidays, festivals, and celebrations of the world dictionary: \$b a compendious reference guide to popular, ethnic, religious, national and ancient holidays, festivals, celebrations, commemorations, holy days, feasts, and fasts, supplemented by a special section on calendar systems, tables of state and national public holidays, special indexes of chronological, cultural and ethnic, geographic, historical, religious, and sports holidays, and a general and key-word index / \$c compiled by Sue Ellen Thompson and Barbara W. Carlson. ¶ |
| 9. |   | 245 10      | Elementary Basic, as chronicled by John H. Watson / \$c edited with commentaries by Henry Ledgard and Andrew Singer. ¶  |
| 10 |   | 250         | 3rd ed. ¶   |
| 11 |   | 250         | Release 3.1 Academic ed. ¶  |
| 12 |   | 260         | Newark, Del. : \$b University of Delaware Press ; \$a Cranbury NJ ; \$a London : \$b Associated University Presses, \$c 1992. $\P$  |
| 13 |   | 260         | New York: \$b Random House, \$c c1982. ¶  |
| 14 |   | 300         | p. cm. ¶  |
| 15 | ·                                       | 300         | 185 p.; \$c 24 cm. ¶  |

| 16. | <br>300              | 8 computer disks; \$b col.; \$c 3 1/2 in. + \$e 1 user's guide + 1 style sheet guide + 1 Quick Reference card + 1 working together bonus pack guide. $\P$  |
|-----|----------------------|--|
| 17. | <br>300              | xii, 194 p. : \$b ill. ; \$c 28 cm. ¶  |
| 18. | <br>440 0            | Guides to Biblical scholarship. \$p Old Testament guides ¶   |
| 19. | <br>440 0            | Twayne's masterwork studies; \$v no. 114 ¶   |
| 20. | <br>440 0            | Construction law library ¶   |
| 21. | <br>490 0            | King Penguin ¶ {No 8xx field in record}  |
| 22. | <br>500              | Translation of: L'Ornement polychrome, deuxième série. ¶   |
| 23. | <br>500              | Minimal level cataloging. ¶  |
| 24. | <br>500              | Core level cataloging. ¶   |
| 25. | <br>500              | Panel title. ¶   |
| 26. | <br>500              | Ancillary maps: Earliest known map of Roman London, by William Stukely, 1722 AD 60 AD 125 AD 200 AD 375 Greater London today The Roman Empire in AD 200 Londinium and other Roman towns in south-east England. ¶   |
| 27. | <br>500              | "A fine homebuilding book" T.p. verso. $\P$ {no 4xx/8xx in record}.  |
| 28. | <br>500              | Title from disk labels. ¶  |
| 29. | <br>500              | Cover title. ¶   |
| 30. | <br>504              | Includes bibliographical references and index. ¶   |
| 31. | <br>{245 14<br>505 0 | The Salterton trilogy / \$c Robertson Davies. ¶} Tempest-tost Leaven of malice A mixture of frailties. ¶   |
| 32. | <br>520              | Word processing program with integrated Lotus Windows applications. ¶  |
| 33. | <br>650 0            | McCauley, Quint (Fictitious character) \$v Fiction. ¶  |
| 34. | <br>655 7            | Detective and mystery stories. \$2 gsafd ¶   |
| 35. | <br>650 0<br>650 0   | O Money, language, and thought: \$b literacy and philosophical economies from the medieval to the modern era / \$c Marc Shell. \$\frac{1}{2}\$  Economics in literature. \$\frac{1}{2}\$  Language and languages \$x Philosophy. \$\frac{1}{2}\$  Many \$\frac{1}{2}\$ Philosophy. \$\frac{1}{2}\$ |
| 36. |                      | Money \$x Philosophy. ¶  0 Londinium, a descriptive map & guide to Roman London / \$c OS. ¶}  Great Britain. \$b Ordnance Survey. ¶  |

# Multi-field examples:

| •           | Variational inequalities and network equilibrium problems / \$c edited by F.                         |
|-------------|--|
|             | Giannessi and A. Mangeri. ¶}   |
| <br>500     | Proceedings of the International School of Mathematics "G Stampacchia"                               |
|             | 19th course on Variational Inequalities and Network Equilibrium                                      |
|             | Problems, held 6/19-24/94, in Erice, Italy. ¶  |
| <br>650 0   | Network analysis (Planning) \$v Congresses. ¶  |
| 650 0       | Variational inequalities (Mathematics) \$v Congresses.   |
| 700 1       | Giannessi, F. ¶  |
| <br>700 1   | Mangeri, A. ¶  |
| <br>7112    | International School of Mathematics "G Stampacchia" course on  |
|             | Variational Inequalities and Network Equilibrium Problems \$n (19th : \$d 1994 : \$c Erice, Italy) ¶ |
| {100 1      | Cutter, Charles A. \$q (Charles Ammi), \$d 1837-1903 ¶}  |
|             | Charles Ammi Cutter, library systematizer / \$c edited by Francis L. Miksa.                          |
| •           | Library science. ¶   |
|             | Cutter, Charles A. \$q (Charles Ammi), \$d 1837-1903 ¶   |
|             | Miksa, Francis L., \$d 1938- ¶   |
| <br>, , , , |  |
| {245 10     | Mathematics with teddy bears / \$c by Elizabeth Graham; illustrated by                               |
| ,           | Rebecca Hardy and Andrew Fournier. ¶}  |
| 246 14      | Mathematics for teddy bears ¶  |
|             | 500 650 0 650 0 700 1 700 1 711 2  {100 1 {245 10 650 0 600 0 700 1 {245 10                          |

#### REPORTING BIBCO STATISTICS

### **Collecting BIBCO statistics:**

BIBCO member institutions collect and report statistics on a monthly basis to the PCC's Secretariat. Institutions may design their own workflow for collecting and reporting statistics in the following categories:

- 1. **New Full program records** (new to the PCC program, whether from original cataloging or upgrading another record)
- 2. **New Core program records** (new to the PCC program, whether from original cataloging or upgrading another record)
- 3. **Bibliographic file maintenance (BFM),**—but—this applies ONLY to a few libraries working directly in the LC ILS
- 4. **Month(s) covered by report** (reports may include totals for more than one month; list which month(s) are covered so that reports can be tracked and missing months discovered and reported)

#### Reporting statistics to the PCC

David Williamson, Automation Coordinator for LC's Cataloging Directorate (202-707-5179, or dawi@loc.gov), establishes a web page for each new BIBCO library after hearing from the library. The web page reporting form includes boxes corresponding with the categories above.

Libraries must report via the web form as soon as possible at the end of each month. By the 16<sup>th</sup> of the each month, an automated program collects all online statistics reports and displays the overall contributions and those of individual institutions on the PCC web site: <a href="http://lcweb.loc.gov/catdir/pcc/stats">http://lcweb.loc.gov/catdir/pcc/stats</a>

If a library has not submitted data for the month, the program will automatically supply zeros into that library's report, and will send the library's BIBCO statistics reporter a message reminding them to add the missing month into the next month's report.

The program can process ONLY one report per institution per month. If figures from more than one month must be reported, combine the figures, and note which months are included.

Each library is responsible for monitoring its web page displays for accuracy. Please direct any questions about the reporting process or the web page figures to Cornelia Goode in the LC Coop Team (202-707-7614, or <a href="mailto:cgoo@loc.gov">cgoo@loc.gov</a>).

A major benefit of the BIBCO program is the number of records contributed to shared databases.

The accurate reporting of BIBCO statistics is vital in assessing the effectiveness of the program and celebrating its successes.



# **Program for Cooperative Cataloging Statistics for BIBCO**

| Category                                | Number   |
|---|----------|
| BIBCO                                   |          |
| New Full Program Records                | 0        |
|   |          |
|   |          |
| New Core Program Records                | 0        |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
| Month(s) + year included in this ren    | out 2    |
| Month(s) + year included in this rep    | UI L     |
| Submit Clear Form                       |          |
|   |          |
| Program for Cooperative Cataloging Ho   | ome Page |
| Library of Congress Home Page           |          |
| *************************************** |          |
|   | ······   |

# EXAMPLES OF CATALOGING

# **COMPARING**

FULL vs CORE (without surrogates)

| F  | H | Τ. | Ι. |
|----|---|----|----|
| T. | v | _  |    |

| 020<br>042<br><i>043</i> | 0799212741 pcc f-sa   |
|--------------------------|---|
| 050 4                    | HT148.S68 \$b S78 1990  |
| 245 02                   | A study of the effects of urbanisation on the health of women in Khayelitsha, Cape Town: \$b rationale and methods.         |
| 260                      | Cape Town: \$b Urbanisation and Women's Health Project, Department of Community Health, University of Cape Town, \$c [1990] |
| 300                      | iii, 10 p.: \$b ill., maps; \$c 30 cm.  |
| 490 1                    | Working paper / University of Cape Town, Medical School, Dept. of Community Health; \$v no. 1                               |
| 500                      | Cover title.  |
| 500                      | "Authors: W.M. Pick, D. Cooper, J.M.L. Klopper, J.E. Myers, M. Hoffman, L. Kuhn"P. 1.                                       |
| 500                      | "August 1990."  |
| 504                      | Includes bibliographical references (p. 9-10).  |
| 650 0                    | Urbanization \$z South Africa \$z Cape Town.  |
| 650 0                    | Women, Black \$x Health and hygiene \$z South Africa \$z Cape Town.   |
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## **CORE**

| 020    | 0799212741  |
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| 042    | pcc   |
| 050 4  | HT148.S68 \$b S78 1990  |
| 245 02 | A study of the effects of urbanisation on the health of women in Khayelitsha, |
|        | Cape Town: \$b rationale and methods.   |
| 260    | Cape Town: \$b Urbanisation and Women's Health Project, Department of         |
|        | Community Health, University of Cape Town, \$c [1990]                         |
| 300    | iii, 10 p.: \$b ill., maps; \$c 30 cm.  |
| 490 1  | Working paper / University of Cape Town, Medical School, Dept. of Community   |
|        | Health; \$v no. 1   |
| 500    | Cover title.  |
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| 710 2  | University of Cape Town. \$b Urbanisation & Women's Health.                   |
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| 020        | 2910164101  |
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| 041 0      | engfre  |
| 042        | pcc   |
| <i>043</i> | e-fr  |
| 050 4      | NB237.B65 \$b A4 1995   |
| 100 1      | Bourgeois, Louise, \$d 1911-  |
| 245 10     | Louise Bourgeois: \$b Ecole nationale des beaux-arts de Bourges / \$c [texte, |
|            | Geneviève Bréerette ; traduction, Simon Pleasance].                           |
| 260        | Bourges, France: \$b L'Ecole, \$c 1995.                                       |
| 300        | 1 v. (unpaged): \$b ill. (some col.); \$c 21 cm.                              |
| 546        | English and French.   |
| 500        | Cover title.  |
| 500        | Catalog of an exhibition held at the Galerie La Box from Jan. 30 to March 18, |
|            | 1995.   |
| 504        | Includes bibliographical references.  |
| 600 10     | Bourgeois, Louise, \$d 1911- \$v Exhibitions.                                 |
| 700 1      | Bréerette, Geneviève.   |
| 710 2      | Ecole nationale des beaux-arts de Bourges.                                    |
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| 020    | 0800772040   |
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| 042    | pcc  |
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| 245 14 | The World Cup murder / \$c Pelé with Herbert Resnicow. |
| 260    | New York, N.Y.: \$b Wynwood Press, \$c c1988.          |
| 300    | 318 p.; \$c 22 cm.                                     |
| 700 1  | Resnicow, Herbert.                                     |
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| 042    | pcc  |
| 082 04 | 823 \$2 21   |
| 100 0  | Pelé, \$d 1940-  |
| 245 14 | The World Cup murder / \$c Pelé with Herbert Resnicow. |
| 260    | New York, N.Y.: \$b Wynwood Press, \$c c1988.          |
| 300    | 318 p.; \$c 22 cm.                                     |
| 700 1  | Resnicow, Herbert.                                     |
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| 020        | 0809245205   |
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| 042        | pcc  |
| <i>043</i> | n-us   |
| 050 4      | HD9993.T693 \$b U67 1990   |
| 100 1      | Stern, Sydney Ladensohn.   |
| 245 10     | Toyland: \$b the high-stakes game of the toy industry / \$c Sydney Ladensohn |
|            | Stern and Ted Schoenhaus.  |
| 260        | Chicago: \$b Contemporary Books, \$c c1990.                                  |
| 300        | xi, 339 p.: \$b ill.; \$c 24 cm.   |
| 504        | Includes bibliographical references (p. 313-317).                            |
| 650 0      | Toy industry \$z United States.  |
| 700 1      | Schoenhaus, Ted.   |

| 020    | 0809245205   |
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| 042    | pcc  |
| 050 4  | HD9993.T693 \$b U67 1990   |
| 100 1  | Stern, Sydney Ladensohn.   |
| 245 10 | Toyland: \$b the high-stakes game of the toy industry / \$c Sydney Ladensohn |
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| 260    | Chicago: \$b Contemporary Books, \$c c1990.                                  |
| 300    | xi, 339 p.: \$b ill.; \$c 24 cm.   |
| 650 0  | Toy industry \$z United States.  |
| 700 1  | Schoenhaus, Ted.   |
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| 020    | 0140235868   |
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| 042    | pcc  |
| 043    | e-yu   |
| 050 4  | DR1313 \$b .G57 1994   |
| 100 1  | Glenny, Misha.   |
| 245 14 | The fall of Yugoslavia: \$b the third Balkan war / \$c Misha Glenny. |
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| 042    | pcc  |
| 050 4  | DR1313 \$b .G57 1994   |
| 100 1  | Glenny, Misha.   |
| 245 14 | The fall of Yugoslavia: \$b the third Balkan war / \$c Misha Glenny. |
| 250    | Rev. and updated ed.   |
| 260    | New York, N.Y.: \$b Penguin Books, \$c 1994.                         |
| 300    | xiii, 257 p.: \$b 4 maps; \$c 20 cm.                                 |
| 650 0  | Yugoslav War, 1991-1995.   |

| 042        |   | pcc   |
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| 050 4      | - | TP245.C4 \$b F67 1993a  |
| 100 1      |   | Foster, Kenneth Lee.  |
| 245 14     |   | The role of micropore size and chemical nature of the pore surface on the adsorption properties of activated carbon fibers / \$c by Kenneth Lee Foster. |
| 260        |   | \$c 1993.   |
| 300        |   | xiv, 189 leaves, bound: \$b ill.; \$c 29 cm.  |
| 502        |   | Thesis (Ph. D.)University of Illinois at Urbana-Champaign, 1993.  |
| <i>504</i> |   | Includes bibliographical references (leaves 184-188).   |
| 533        |   | Photocopy. \$b Ann Arbor, Mich. \$c UMI, \$d 1994. \$e xiv, 189 p.; 22 cm.  |
| <i>500</i> |   | "9411625."  |
| 650 0      | ) | Carbon, Activated.  |
| 650 C      | ) | Porosity.   |
| 650 0      | ) | Gases \$x Absorption and adsorption \$x Measurement.  |
| 650 0      | ) | Volatile organic compounds.   |
| 650 0      | ) | Gas flow.   |
| 650 (      | ) | Decontamination (from gases, chemicals, etc.)   |
|            |   |   |

| 042    | pcc   |
|--------|---|
| 050 4  | TP245.C4 \$b F67 1993a  |
| 100 1  | Foster, Kenneth Lee.  |
| 245 14 | The role of micropore size and chemical nature of the pore surface on the adsorption properties of activated carbon fibers / \$c\$ by Kenneth Lee Foster. |
| 260    | \$c 1993.   |
| 300    | xiv, 189 leaves, bound: \$b ill.; \$c 29 cm.  |
| 502    | Thesis (Ph. D.)University of Illinois at Urbana-Champaign, 1993.  |
| 533    | Photocopy. \$b Ann Arbor, Mich. \$c UMI, \$d 1994. \$e xiv, 189 p.; 22 cm.  |
| 650 0  | Carbon, Activated.  |
| 650 0  | Porosity.   |
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| 020          | 0646196073   |
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| 042          | pcc  |
| 043          | u-at-we  |
| 050 4        | QE571 \$b .S43 1994  |
| 245 04       | The sedimentary basins of Western Australia / \$c edited by P.G. and R.R. Purcell.     |
| 246 14       | Proceedings, West Australian Basins Symposium, Perth, Western Australia, 1994          |
| 260          | Perth, W.A.: \$b Petroleum Exploration Society of Australia, \$c 1994.                 |
| 300          | x, 864 p., [7] folded p. of plates: \$b ill. (some col.), maps (some col.); \$c 29 cm. |
| 500          | "Based on the proceedings of the West Australian Basins Symposium                      |
|              | sponsored by the Western Australian Branch of the Petroleum Exploration                |
|              | Society of Australia Limited and held in Perth, Western Australia, August 14-          |
|              | 17, 1994"Added t.p. verso.   |
| 500          | Pre-published proceedings, July 1994. Cf. pref.  |
| 504          | Includes bibliographical references.   |
| <i>505 0</i> | Introduction - Basin framework and evolution - Petroleum systems and                   |
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| 700 1        | Purcell, Peter G.  |
| 700 1        | Purcell, R. R. \$q (Robyn R.)  |
| 710 2        | Petroleum Exploration Society of Australia. \$b Western Australian Branch.             |

| 020    | 0646196073   |
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| 042    | pcc  |
| 050 4  | QE571 \$b .S43 1994  |
| 245 04 | The sedimentary basins of Western Australia / \$c edited by P.G. and R.R. Purcell.     |
| 260    | Perth, W.A.: \$b Petroleum Exploration Society of Australia, \$c 1994.                 |
| 300    | x, 864 p., [7] folded p. of plates: \$b ill. (some col.), maps (some col.); \$c 29 cm. |
| 650 0  | Sedimentary basins \$z Australia \$z Western Australia \$v Congresses.                 |
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| 650 0  | Geology, Stratigraphic \$v Congresses.   |
| 711 2  | West Australian Basins Symposium \$d (1994 : \$c Perth, W.A.)                          |
| 700 1  | Purcell, Peter G.  |
| 700 1  | Purcell, R. R. \$q (Robyn R.)  |
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| 043    | e-it \$a e-sp   |
| 050 4  | QE773 \$b .036 1994   |
| 100 1  | O'Dogherty, Luis.   |
| 245 10 | Biochronology and paleontology of mid-Cretaceous radiolarians from Northern |
|        | Apennines (Italy) and Betic Cordillera (Spain) / \$c Luis O'Dogherty.       |
| 260    | Lausanne, Switzerland: \$b Université de Lausanne, Institut de géologie et  |
|        | paléontologie, \$c 1994.  |
| 300    | xv, 413 p., 73 leaves of plates: \$b ill., maps; \$c 30 cm.                 |
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| 546    | Summaries also in French, Italian, and Spanish.                             |
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| 504    | Includes bibliographical references (p. 383-401).                           |
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| 830 0  | Mémoires de géologie, Lausanne ; \$v no 21.                                 |

| 042    | pcc   |
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| 050 4  | QE773 \$b .036 1994   |
| 100 1  | O'Dogherty, Luis.   |
| 245 10 | Biochronology and paleontology of mid-Cretaceous radiolarians from Northern Apennines (Italy) and Betic Cordillera (Spain) / \$c Luis O'Dogherty. |
| 260    | Lausanne, Switzerland : \$b Université de Lausanne, Institut de géologie et paléontologie, \$c 1994.  |
| 300    | xv, 413 p., 73 leaves of plates: \$b ill., maps; \$c 30 cm.   |
| 490 1  | Mémoires de géologie, Lausanne, \$x 1015-3578; \$v no 21, 1994  |
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| 650 0  | Radiolaria, Fossil \$z Italy \$z Apennines.   |
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| 830 0  | Mémoires de géologie, Lausanne ; \$v no 21.   |
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| 042    | pcc   |
| 043    | e-uk-en   |
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| 100 1  | Sulpy, Doug.  |
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| 245 10 | Get back: \$b the unauthorized chronicle of the Beatles' "Let it be" disaster / \$c |
|        | Doug Sulpy, Ray Schweighardt.   |
| 250    | 1st St. Martin's Press ed.  |
| 260    | New York: \$b St. Martin's Press, \$c 1997.   |
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| 050 4  | ML421.B4 \$b S87 1997   |
| 100 1  | Sulpy, Doug.  |
| 245 10 | Get back: \$b the unauthorized chronicle of the Beatles' "Let it be" disaster / \$c |
|        | Doug Sulpy, Ray Schweighardt.   |
| 250    | 1st St. Martin's Press ed.  |
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| 048        |    | se04   |
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| 500        |    | Distributor from label on container.   |
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|            |    | Gagliarda V (2:16) / Isaac Posch – Sonata à tre viol da gamba  |
|            |    | (d-moll) / Johann Michael Nicolai (13:12) — Sonata II à 2 (e-moll) / August<br>Kühnel (11:07) — Sonata (a-moll) / Johan Schenck (6:29) — Suite (D-Dur) /<br>David Funck (8:58) |
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| 700        |    | Funck, David, \$d 1629-1690. \$t Stricturae viola-di gambicae. \$k Selections.   |
| 710        |    | Ricercar consort. \$4 prf  |
| 740        | 01 | O Nachbar Roland.  |

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| 245 00 | Deutsche Barock Kammermusik. \$n V \$h [sound recording].                          |
| 260    | [Belgium?]: \$b Ricercar; \$a [New York]: \$b [distributed by] Qualiton Imports,   |
|        | \$c [1992?]  |
| 300    | 1 sound disc: \$b digital; \$c 4 ¾ in.   |
| 500    | Music for 1-8 viole da gamba and continuo.   |
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| 505 0  | Canzon à 5 voc. Super O Nachbar Roland / Samuel Scheidt (6:24) — Canzon mitt       |
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|        | (2:16) / Isaac Posch – Sonata à tre viol da gamba                                  |
|        | (d-moll) / Johann Michael Nicolai (13:12) – Sonata II à 2 (e-moll) / August Kühnel |
|        | (11:07) – Sonata (a-moll) / Johan Schenck (6:29) – Suite                           |
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| 082 04       | 942  |
| 245 00       | Late Victorian London \$h [videorecording]: \$b the hub of the world, 1850-1897 / \$c produced by John Michael Phillips; Thames colour production.   |
| 246 30       | Hub of the world, 1850-1897  |
| 246 1        | \$i Title on container: \$a London, 1850-1897  |
| 260          | Princeton, NJ: \$b Films for the Humanities, \$c c1991.  |
| 300          | 1 videocassette (20 min.): \$b sd., col. with b&w sequences; \$c ½ in.   |
| 440 0        | London, the making of a city   |
| 538          | VHS.   |
| 511 0        | Host: Benny Green.   |
| <i>508</i>   | Camera, Frank Hodge; editor, Oscar Webb.   |
| <i>500</i>   | Originally broadcast in 1976.  |
| 520          | Describes London from 1850-1897, as railways began to carve up London, the great expropriations of land began, suburbia was born, and sewers were constructed. By 1900, the outlines of modern London had been fixed, the population reached 6.5 million, and living conditions for the poor continued to worsen while the more fortunate enjoyed the good life.   |
| 651 0        | London (England) \$x History \$y 19th century.   |
| 651 0        | London (England) \$x Description and travel.   |
| <i>651 0</i> | Great Britain \$x History \$y 19th century.  |
| 700 1        | Phillips, John Michael.  |
| 700 1        | Green, Benny, \$d 1927-  |
| 710 2        | Title of the title |

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Thames International (Firm)

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|     |    | good life.   |
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| 028 42       | AAE-14123 \$b A&E Home Video   |
| 042          | pcc  |
| 043          | e-ur   |
| 050 4        | NK7398.F32 \$b F324 1996   |
| 245 04       | The fabulous world of Fabergé \$h [videorecording] / \$c Weller/Grossman     |
|              | Productions for A&E Network; producer-and writer, Sue Nadell.                |
| 260          | [New York, N.Y.]: \$b A&E Home Video: \$b New Video Group                    |
|              | [distributor], \$c 1996.   |
| 300          | 1 videocassette (50 min.): \$b sd., col. with b&w sequences; \$c ½ in.       |
| 538          | VHS.   |
| 508          | Narrator, Robb Weller; editor, Andrew Corwin.                                |
| 520          | Traces the life of Peter Carl Fabergé, a jeweler and goldsmith whose         |
|              | creations transcended mere decoration. He became famous in Russia            |
|              | when he crafted a jeweled Easter egg for Czar Alexander III. This is the     |
|              | story of an artist whose priceless masterpieces continue to captivate people |
|              | worldwide.   |
| 500          | One episode of the television program Biography.                             |
| 600 10       | Fabergé, Peter Carl, \$d 1846-1920.  |
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| 650 0        | Decorative arts \$z Russia \$x History.                                      |
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| 700 1        | Nadell, Sue.   |
| 700 1        | Corwin, Andrew.  |
| 700 1        | Weller, Robb.  |
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| <i>730 0</i> | Biography (Television program)   |

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# BEYOND ECONOMIC MAN

Feminist Theory and Economics Edited by
Marianne A. Ferber and Julie A. Nelson

THE UNIVERSITY OF CHICAGO PRESS / CHICAGO AND LONDON

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## Preface

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What can feminist theory possibly have to say about economics? If economics is practiced correctly, that is, as an objective science, are not its methods and assumptions beyond the reach of social and political movements? Would not openness to influences from interest-group positions like feminism undermine the ideal of impartiality of economic study?

The subtitle of this book, Feminist Theory and Economics, may well appear to be an oxymoron to a reader who subscribes to such views. The main title, Beyond Economic Man may be equally puzzling, since it seems to suggest that the goal of the book is to replace the study of economics. We intend for the title to be read with the emphasis on the word "man." As economists and social scientists, we want to retain and improve economic analysis by ridding the discipline of the biases created by the centrality of distinctively masculine concerns. Feminists raise questions not because economics is too objective but because it is not objective enough. Too many assumptions and methodological ideals have been exempted from critical scrutiny because existing communities of economists have perceived them as universal and impartial.

Economists today and in the past have filled volumes with discussions of what might be wrong (as well as what may be right) with our profession, but mention of any tie to sexism has been extremely rare. More recently, feminist theories have brought forth a substantial literature on questions of feminism and the pursuit of knowledge, but they have focused largely on the physical sciences and social sciences other than economics. The first discussions of the possible connections between feminist theory and mainstream economic research to achieve high visibility in the economic Association and the American Economic Association. Plans for the present volume started soon thereafter and were finalized at a small conference following the Midwest Economics Association meetings in April 1990. This book is the first of its kind. We trust that it will serve to expand the discussion of the issues it raises, bring the discussion to the attention of a wider range of scholars, and lead to improvements in economic practice.

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### Environmental economics

### An elementary introduction

R. Kerry Turner, David Pearce and Ian Bateman

Centre for Social and Economic Research on the Global Environment University of East Anglia and University College London

> The Johns Hopkins University Press · Baltimore

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PREFACE

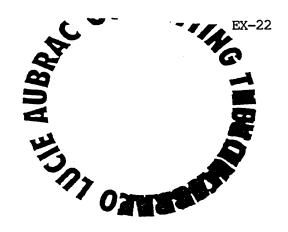
Environmental economics has at last come into its own, some twenty years perhaps since the main writings that have served as its foundation. Its essence lies in a sequence of logical steps: assessing the economic importance of environmental degradation; looking for the economic causes of degradation; universally accepted, is that the environment is not a separate entity from the economy. Changes in one affect the other. No economic decision can he and designing economic incentives to slow, halt and reverse that degradation. The fundamental presumption of environmental economics, now almost made that does not affect our natural and built environments. No environmental change can occur that does not have an economic impact.

Environmental economists are at pains to point out that for them, as for most economists, 'economic' does not just mean what happens to the flow of money in the economy. Changes in human wellbeing are economic effects. So, if burning another hectare of Amazonian rainforest causes anguish and upset for individuals who care about conserving such areas, then the economic act of burning in order to clear the land for, say, cattle ranching has given rise to an environmental impact which has an economic effect (the loss of wellbeing Indeed, we would argue that environmental economics is a fascinating and important area of study precisely because it is not generally about money. But to those who care). In other words, economics is not just about money. money comes into it, as we show in several chapters. It comes into it partly because money is a convenient measuring rod of what people want and don't want with respect to the environment. The distinction is quite hard to accommodate initially, but we urge readers to persevere.

money we are not talking immoral economics; we are not reducing the What we are interested in is human wellbeing, not money. If we talk about started to use. We do not, therefore, deny the moral case for the importance of the environment. Quite the contrary, we argue that thinking he economic way brings insights into a powerful array of economic weapons that we can use to protect the environment; weapons we have only just

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## Lucie Aubrac

### Outwitting the Gestapo

Translated by Konrad Bieber with the assistance of Betsy Wing

With an introduction by Margaret Collins Weitz University of Nebraska Press Lincoln and London



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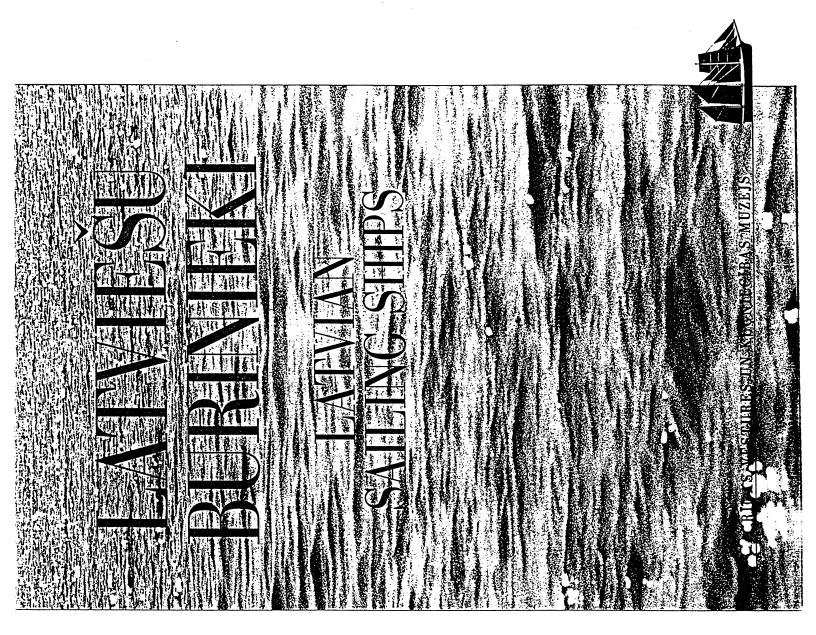
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| 245 00 | Latviešu burinieki / \$c [projekta autore, Iveta Erdmane; sastādītāja un |
|        | teksta autore, Ilze Bernsone] = Latvian sailing ships / [project, Iveta  |
|        | Erdmane; text and compilation for production, Ilze Bernsone].            |
| 246 31 | Latvian sailing ships  |
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| 700 1  | Erdmane, Iveta.  |
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| 042    | pcc  |
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| 050 0  | GA101 \$b.C34 vol. 35, no. 1-2   |
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| 100 1  | Fremlin, Gerald.   |
| 245 10 | Maps as mediated seeing / \$c Gerald Fremlin with Arthur H. Robinson.                  |
| 260    | North York, ON: \$b University of Toronto Press, \$c c1999.                            |
| 300    | 141 p.: \$b ill.; \$c 28 cm.   |
| 490 1  | Cartographica, \$x 0317-7173; \$v v. 35, no. 1/2 (spring & summer 1998) = monograph 51 |
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MONOGRAPH 51

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#### Monograph 51

#### Gerald Fremlin with Arthur H. Robinson

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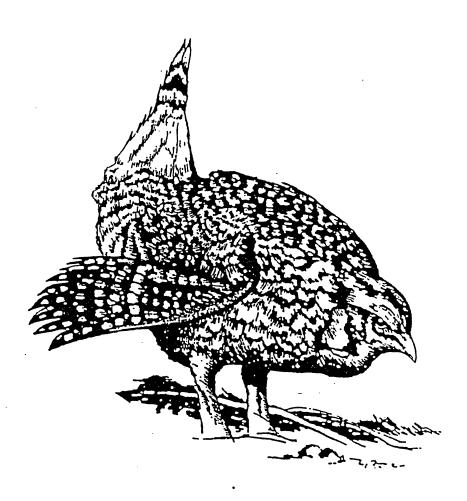
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|               | programmatic management plan, Tracy Rock vicinity, Lincoln County,       |
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|               | of Fish and Wildlife by Paul Ashley.                                     |
| <i>246 30</i> | Sharp-tailed grouse programmatic management plan, Tracy Rock             |
|               | vicinity, Lincoln County, Washington                                     |
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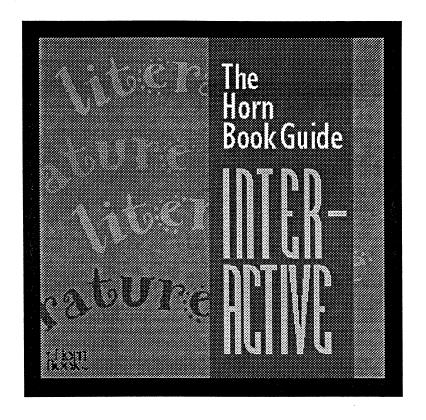
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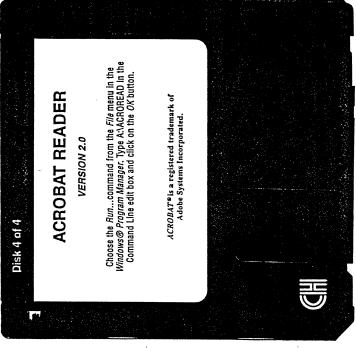
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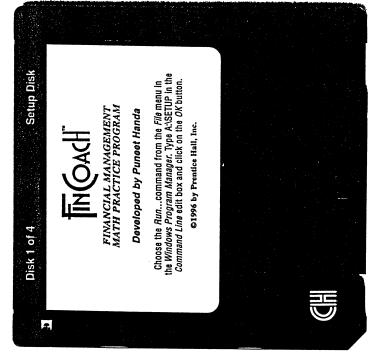
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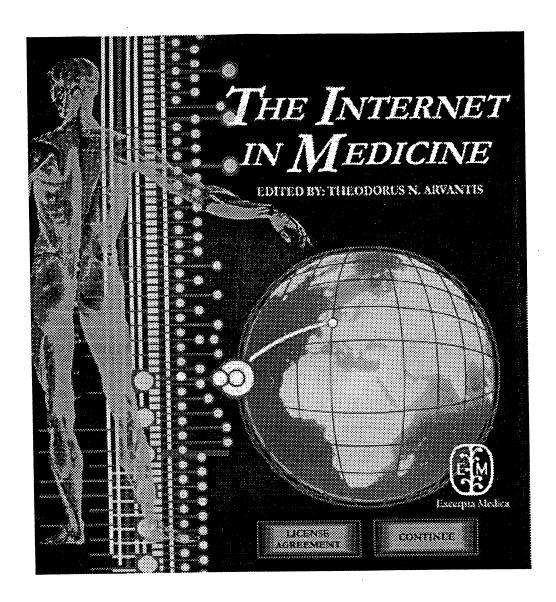
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| <i>246 1</i> | \$i Title on p. 4 of booklet: \$a Internet in medicine CD-ROM proceedings  |
| <i>256</i>   | Computer data.   |
| 260          | Amsterdam; \$a New York: \$b Excerpta Medica: \$b Elsevier Science, \$c c1997.   |
| 300          | 1 computer optical disc : \$b col.; \$c 4 3/4 in. + \$e 1 booklet (16 p.; 12 cm.).   |
| 490 1        | Excerpta Medica international congress series; \$v 1138  |
| 500          | Conference proceedings.  |
| 516          | Text (HTML)  |
| 538          | System requirements: IBM-compatible PC 386-33 or better; Windows 3.1, 3.11, or Windows 95; 4 MB RAM; 3 MB free hard disk space; 256 color VGA adapter; double speed CD-ROM drive; mouse; HTML browser. |
| 500          | Title from title screen.   |
| 500          | "MEDNET 96, the European Congress of the Internet in Medicine, October 14-17, 1996, Brighton, United Kingdom"—Welcome screen.  |
| 530          | Abstracts and texts of some papers also available on the MEDNET 96 World Wide Web home page.   |
| <i>504</i>   | Includes bibliographical references and indexes.   |
| <i>505 2</i> | Digital medical libraries – Electronic publishing in medicine – Medical  |
|              | education — Telemedicine — Information policies and ethical issues — Internet  |
|              | security — Access to health and medical information — Clinical applications on   |
|              | the World Wide Web.  |
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| 650 12       | Online Systems \$v congresses - CD-ROM.  |
| 650 12       | Information Systems \$v congresses - CD-ROM.   |
| 650 22       | Telemedicine \$v congresses - CD-ROM.  |
| 650 22       | Databases \$v congresses - CD-ROM.   |
| 700 1        | Arvanitis, Theodoros N.  |
| 710 2        | Excerpta Medica (Firm)   |
| 710 2        | Elsevier Science (Firm)  |
| 830 0        | International congress series; \$v no. 1138.   |
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# THE INTERNET IN MEDICINE

MEDNET 96
The European Congress of the Internet in Medicine
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Welcome to the proceedings of MEDNET 96 - the European Congress of the Internet in Medicine.

This publication provides an opportunity to explore the rapidly developing relationship between the medical sciences and the Internet.

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This is both a useful introduction to the wealth and variety of medical material available on the Web, and a source of structured information for those with specific interests.

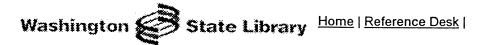
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| 245 00      | Washington territorial and state governors \$h [computer file].             |
| 256         | Computer data and program.  |
| 260         | [Olympia]: \$b Washington State Library, \$c [1998?-                        |
| 516         | Searchable database   |
| 538         | Mode of access: World Wide Web.   |
| 500         | Title from Web page (viewed on Apr. 30, 1999).                              |
| <i>500</i>  | Compiled by the staff of the Washington/Northwest Room of the               |
|             | Washington State Library.   |
| 520         | This database contains information on governors of the Washington           |
|             | Territory and State. Information includes the governor's political          |
|             | affiliation, when they assumed office, their terms, and the governor's date |
|             | of birth and death if known.  |
| 650 0       | Governors \$z Washington (State) \$v Registers.                             |
| 710 2       | Washington State Library.   |
| 856 40      | \$u http://www.statelib.wa.gov/refdesk/databases/govern.htm                 |

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| 520    | This database contains information on governors of the Washington           |
|        | Territory and State. Information includes the governor's political          |
|        | affiliation, when they assumed office, their terms, and the governor's date |
|        | of birth and death if known.  |
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| 710 2  | Washington State Library.   |
| 856 40 | \$u http://www.statelib.wa.gov/refdesk/databases/govern.htm                 |
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#### **WASHINGTON TERRITORIAL AND STATE GOVERNORS**



#### **Washington Territorial and State Governors**

This database contains information on governors of the Washington Territory and State. Information includes the governor's political affiliation, when they assumed office, their terms, and the governor's date of birth and death if known.

<u>To view this interactive database</u>, please use Netscape 3.0 or above, or IE 3.0 or above. If you have an older browser, you can <u>read the information in tabular form</u>, sorted in order by date of first term served.

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Washington State Library staff who worked on this database are: Ellen Levesque and Gayle Palmer compiled information for the original database; Shirley Lewis updated the information; Chad Justice designed the search screens and put the database on the Internet.

If you have questions about the information in this database, please contact staff at the Washington/Northwest Room: 360-704-5209 or <a href="mailto:slewis@statelib.wa.gov">slewis@statelib.wa.gov</a>

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| 246 1        | \$i HTML source title: \$a Bruce Gittings' digital elevation data catalogue |
| <i>246 1</i> | \$i Also called: \$a DED catalogue  |
| 256          | Computer data.  |
| 260          | Edinburgh, Scotland: \$b University of Edinburgh, \$c c1996-                |
| 538          | Mode of access: World Wide Web.   |
| 500          | Title from Web page (viewed on Oct. 1, 1998).                               |
| 500          | Compiled by Bruce M. Gittings.  |
| 500          | Hosted by the University of Edinburgh Dept. of Geography.                   |
| 520          | Catalog of available elevation and bathymetric data, together with a        |
|              | section on available software for the display and manipulation of these     |
|              | data.   |
| 650 0        | Altitudes \$x Databases \$v Catalogs.                                       |
| 650 0        | Contours (Cartography) \$x Databases \$v Catalogs.                          |
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| 650 0        | Geographic information systems \$x Software \$v Catalogs.                   |
| 710 2        | University of Edinburgh. \$b Dept. of Geography.                            |
| 856 40       | \$u http://www.geo.ed.ac.uk/home/ded.html                                   |

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## Digital Elevation Data Catalogue



This is Bruce Gittings' Digital Elevation Data Catalogue.

This catalogue is compiled on these basis of my own information and the contributions of a number of helpful readers of the GIS-L group. It includes details of elevation and bathymetric data, together with a section on available software for the display and manipulation of these data.

The catalogue is posted on the newgroups comp.infosystems.gis (GIS-L), sci.geo.eos and sci.geo.geology at the start of every month. However, the most up-to-date version is always available here.

There are two documents provided here; the "Introductory" page from the monthly posting and the Catalogue itself. Both are simple text documents; a method of providing a hypertext version of the catalogue is being examined. However, the advantage of making the Catalogue available as a simple text document is that it is easy for you to print.

- Introduction and What's changed since last month
- The Catalogue ( > 200Kb in Size)

I would be very grateful for any corrections or additions to this list, which you can be assured will be of benefit to the whole community.

Comments may be submitted <u>here</u>, or by email to <u>bruce@geo.ed.ac.uk</u>

Sometimes, when the internet is busy, it may prove impossible to receive the entire catalogue over WWW. You can, however, request your own copy of the DED Catalogue by sending email to geoinfo@geo.ed.ac.uk including the command "SEND DEM". A message with no command will elicit instructions.

Bruce M. Gittings, University of Edinburgh.

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| 246 15        | Nourriture pour tous   |  |  |
| 246 15        | Alimentos para todos   |  |  |
| 256           | Computer data.   |  |  |
| 260           | Rome, Italy: \$b FAO, \$c c1996.   |  |  |
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| 538           | Mode of access: World Wide Web.  |  |  |
| <i>546</i>    | English, French, and Spanish.  |  |  |
| 500           | Title from Web page (viewed on Oct. 12, 1998).                           |  |  |
| 500           |  |  |  |
|               | 1996 and sponsored by the European Commission.                           |  |  |
| <i>505 0</i>  | What is food security? How many people, how much food? Access            |  |  |
|               | to food: escaping the poverty trap - The resources for food production - |  |  |
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| 650 0         | Food relief.   |  |  |
| 650 0         | Agricultural productivity.   |  |  |
| 710 2         | Food and Agriculture Organization of the United Nations.                 |  |  |
| 711 2         | World Food Summit \$d (1996 : \$c Rome, Italy)                           |  |  |
| 710 2         | European Commission.   |  |  |
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| 856 40        | \$3 French version \$u http://www.fao.org/wfs/wfsbook/F/FFA01-f.htm      |  |  |
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| 710 2  | European Commission.                                     |  |  |  |
| 856 40 | \$u http://www.fao.org/wfs/wfsbook/E/FFA01-e.htm         |  |  |  |



## **FOOD** for ALL

#### Español | Français |

How can we feed the world, both now and in the future, without harming the planet or sacrificing individual freedoms? Food for all, a new book intended for a general audience, looks at the vital issues and questions that lie at the heart of global food security and achieving the goal of food for all.

This 64-page book presented in spreads illustrated with colour photographs and graphics can be downloaded here in an easy-to-read format-

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## CHAPTER 1 What is food security?



Food security, as defined by FAO, is a state of affairs where "all people at all times have access to safe and nutritious food to maintain a healthy and active life." Food security at the global to the household level is examined here.

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## CHAPTER 2 How many people, how much food?



Dividing the world's food supply by its population leaves a theoretical state of abundance, yet hundreds of millions remain hungry. This section looks at the balance between population and food supplies. It includes an historical perspective of population growth set against agricultural production.

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## CHAPTER 3 Access to food: escaping the poverty trap

The eradication of hunger must start by making food more accessible to the poor. Issues critical to meeting the challenge such as humanitarian relief, the problem of people unable to produce food and/or too poor to buy it and development of diversified off-farm activities (including in forestry and fisheries) are covered.

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examines the kinds of commitments that might be expected from nations and civil society in light of this historic event.

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## INTRODUCTION Food, a human right

Introducing Food for all, Dr Jacques Diouf, FAO Director-General, sets the scene from the founding of FAO, through to the occasion of FAO's 50th Anniversary last year, to the World Food Summit.

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is published by FAO
on the occasion of the World Food Summit
13- 17 November 1996
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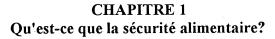
## LA **NOURRITURE** pour TOUS

| English | Español |

Comment pouvons-nous nourrir la population mondiale aujourd'hui et comment le ferons-nous demain sans porter atteinte à la planète et sans sacrifier les libertés individuelles? La nourriture pour tous, un nouveau livre s'adressant au grand public, examine les problèmes et questions fondamentaux qui sont au coeur de la sécurité alimentaire et les moyens d'atteindre l'objectif de la nourriture pour tous.

Ce livre de 64 pages présenté en sections illustrées de photos et graphiques en couleurs peut être téléchargé ici dans un format facile à lire.

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La sécurité alimentaire, selon la définition de la FAO, est un état de choses où "chacun à tout moment a accès à des aliments sans danger et nutritifs pour mener une vie saine et active". Cette section examine la sécurité alimentaire du niveau mondial à celui des ménages.

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#### **CHAPITRE 2** Combien d'habitants, combien d'aliments?

En divisant les disponibilités alimentaires du monde par le nombre d'habitants, on obtient en théorie un état d'abondance, toutefois des millions de personnes continuent de souffrir de la faim. Cette section examine le rapport entre la population et les ressources vivrières. Elle envisage dans une optique historique l'accroissement de la population en regard de la production agricole.

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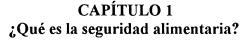
# ALIMENTOS para TODOS

| Français | English |

¿Cómo alimentar al mundo, hoy y en el futuro, sin perjudicar al planeta ni sacrificar las libertades individuales? Alimentos para todos, es un libro nuevo dirigido al público en general, en el que se consideran las cuestiones y los problemas vitales que están en el centro de la seguridad alimentaria mundial y del objetivo de que haya alimentos para todos.

Este libro de 64 páginas se presenta en versión electrónica a doble página ilustrado con fotografias a color y gráficas, y puede obtenerse directamente desde estas páginas en un formato de fácil lectura

Si Usted no ha utilizado antes archivos en formato PDF, lea <u>las instrucciones</u> para obtener información sobre cómo hacerlo



La seguridad alimentaria, según la define la FAO, es una situación en la que Òtodas las personas puedan disponer en cualquier momento de alimentos seguros y nutritivos, para mantener una vida sana y activaÓ. Aquí se examina la seguridad alimentaria en los ámbitos mundial y familiar.

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## CAPÍTULO 2 ¿Cuántas personas, cuántos alimentos?

Si se divide la cantidad de alimentos que hay en el mundo entre la población actual, en principio resulta una situación de abundancia, aunque cientos de millones de personas padezcan hambre. Esta sección estudia el equilibrio entre la población y el suministro de alimentos. Incluye una perspectiva histórica del crecimiento demográfico frente a la producción agrícola.

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| 245 00     | Aquatic plant management in lakes and reservoirs \$h [computer file] / \$c prepared by the North American Lake Management Society and the Aquatic Plant Management Society for the U.S. Environmental Protection Agency, Office of Water Assessment and Watershed Protection Division; edited by Mark V. Hoyer, Daniel E. Canfield, Jr. |  |  |
| <i>256</i> | Computer data.  |  |  |
| 260        | [Gainesville, Fla.]: \$b University of Florida, Center for Aquatic Plants, \$c 1997.  |  |  |
| 538        | Mode of access: World Wide Web.   |  |  |
| 500        | Title from title screen (viewed on Dec. 22, 1998).  |  |  |
| 500        | "This guidance manual is part of a continuing series of   |  |  |
|            | technical supplements for The Lake and Reservoir Restoration  |  |  |
|            | Guidance Manual (Olem and Flock 1990)"—Pref.  |  |  |
| 530        | Also issued in print.   |  |  |
| 500        | "Re-published on the Internet, November, 1997."   |  |  |
| <i>504</i> | Includes bibliographical references.  |  |  |
| 650 0      | Aquatic weeds \$x Control \$z United States.  |  |  |
| 650 0      | Aquatic plants \$x Control \$z United States.   |  |  |
| 650 0      | Vegetation management \$z United States.  |  |  |
| 650 0      | Lakes \$z United States \$x Management.   |  |  |
| 650 0      | Reservoirs \$z United States \$x Management.  |  |  |
| 700 1      | Hoyer, Mark V.  |  |  |
| 700 1      | Canfield, Daniel E.   |  |  |
| 710 2      | North American Lake Management Society.   |  |  |
| 710 2      | Aquatic Plant Management Society.   |  |  |
| 710 1      | United States. \$b Environmental Protection Agency. \$b Assessment and Watershed Protection Division.   |  |  |
| 730 0      | Lake and reservoir restoration guidance manual. \$s 2nd ed.   |  |  |
| 856 40     | \$u http://aquat1.ifas.ufl.edu/hoyerapm.html  |  |  |

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|                   | edited by Mark V. Hoyer, Daniel E. Canfield, Jr.   |
| 260               | [Gainesville, Fla.]: \$b University of Florida, Center for Aquatic Plants, \$c 1997.   |
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| 730 0             | Lake and reservoir restoration guidance manual. \$s 2nd ed.  |
| 856 40            | \$u http://aquatl.ifas.ufl.edu/hoyerapm.html   |

## **Aquatic Plant Management In Lakes and Reservoirs**



Prepared by the
North American Lake Management Society
and the
Aquatic Plant Management Society

for the

U.S. Environmental Protection Agency
Office of Water Assessment and Watershed Protection Division
Washington, DC

1997

Edited by Mark V. Hoyer Daniel E. Canfield, Jr. Re-published on the Internet, November, 1997, by the University of Florida, Center for Aquatic Plants

#### **Contents**

**Center for Aquatic Plants Homepage** 

### **PREFACE**

This guidance manual is part of a continuing series of technical supplements for *The Lake and Reservoir Restoration Guidance Manual* (Olem and Flock 1990). The first technical supplement was *Monitoring Lake and Reservoir Restoration* (Wedepold et al 1990). The second technical guidance manual was *Fish and Fisheries Management in Lakes and Reservoirs* (Baker et al 1993). The parent volume and each of the supplements are designed to encourage the development of integrated lake management programs.

Aquatic plant management is an important component of many lake management programs. Aquatic plant management, however, is often controversial. Throughout the manual, contributing authors have attempted to document not only what is currently known, but to identify different points of view.

This manual represents a summary of existing knowledge on aquatic plants and aquatic plant management strategies. The major focus of this manual is the management of aquatic plants as opposed to dealing with watershed management, which is an important aspect of lake management. In the manual, readers will find practical information on how to design and implement an aquatic plant management program. The science of aquatic plant management, like that of lake management continues to evolve. New information will emerge over time. Readers are therefore urged to consult knowledgeable professionals in their areas for information on recent advances in the field of lake management.

Much of the information presented in this manual is from the southeastern United States, using examples from that area. This is not surprising because five of the eight people who worked on this manual live and work in Florida. Some aspects of aquatic plant management differ regionally but mostly because of how different states and countries regulate control techniques. The biology of aquatic plants, how aquatic plants can cause problems, techniques to manipulate aquatic plants and the development of aquatic plant management plans are common to most regions. Thus, this manual should be useful to anyone interested in aquatic plant management.

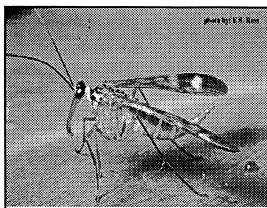
Your suggestions are welcomed by EPA's Clean Lakes staff as they continue to update information on lake and reservoir management and develop additional technical supplements. Please send your comments to:

Clean Lakes
Assessment and Watershed Protection Division (4503F)
U.S. Environmental Protection Agency
401 M St. SW

| FULL         |   |  |
|--------------|---|--|
| 1            |   |  |
| 006          | [m d ]  |  |
| 007          | c \$b r \$d m \$e n   |  |
| 042          | pcc   |  |
| 050 4        | QL598.5 \$b .W67  |  |
| 245 00       | World checklist of extant Mecoptera species \$h [computer file].    |  |
| 256          | Computer data.  |  |
| 260          | [San Francisco: \$b California Academy of Sciences, \$c 1997?-      |  |
| 538          | Mode of access: World Wide Web.                                     |  |
| 500          | Title from Web page (viewed on Feb. 22, 1999).                      |  |
| <i>500</i>   | "Content for these pages were provided by: Dr. Norman D. Penny.     |  |
|              | Images and slides were produced by: Dr. Edward S. Ross, Dr. D.D.    |  |
|              | Wilder, W. Bicha. Web pages were developed by: Dr. Norman D. Penny, |  |
|              | Ms. Julieta F. Parinas"—Copyrights and acknowledgments page.        |  |
| <i>504</i>   | Includes bibliographical references.                                |  |
| 650 0        | Mecoptera \$v Classification.                                       |  |
| 650 0        | Mecoptera \$v Nomenclature.   |  |
| 700 1        | Penny, Norman D.  |  |
| <i>700 1</i> | Parinas, Julieta F.   |  |
| 710 2        | California Academy of Sciences.                                     |  |
| 856 40       | \$u http://www.calacademy.org/research/entomology/mecoptera/        |  |

#### CORE

| 006    | [m d ]   |
|--------|--|
| 007    | c \$b r \$d m \$e n  |
| 042    | pcc  |
| 245 00 | World checklist of extant Mecoptera species \$h [computer file]. |
| 260    | [San Francisco: \$b California Academy of Sciences, \$c 1997?-   |
| 538    | Mode of access: World Wide Web.                                  |
| 500    | Title from Web page (viewed on Feb. 22, 1999).                   |
| 650 0  | Mecoptera \$v Classification.                                    |
| 650 0  | Mecoptera \$v Nomenclature.                                      |
| 700 1  | Penny, Norman D.   |
| 856 40 | \$u http://www.calacademy.org/research/entomology/mecoptera/     |



## WORLD CHECKLIST OF EXTANT MECOPTERA SPECIES

Mecoptera represent one of the major basic lineages of holometa bolous insects. They are most often defined by the characters they do not possess. Hindwings are not modified into small halteres, as in Diptera. Forewings are not modified into sclerotized wing covers, as in Coleoptera. Wings are not covered with hairs or scales, as in Trichoptera and Lepidoptera. Their bodies are not strongly flattened and sclerotized for an ectoparasitic mode of existence, as in fleas. Forewings are similar in size and shape, unlike Hymenoptera. Wings usually do not have reticulate venation, with apical forks and twiggings, as in Neuroptera and Megaloptera. The thorax is not elongate, as in Raphidioptera (snake-flies). However, many of the modern families of Mecoptera have the mouthparts extended into an elongate rostrum. Even though these differences occur, several of these groups probably shared a common ancestor with Mecoptera. Because of this lack of defining, unifying characters for all Mecoptera and the basal relationships with so many other orders, the Mecoptera are almost certainly not a monophyletic group as currently defined and will probably eventually be redefined as several groups.

Today mecopterans represent no more than one one-hundredth of one percent of living species, but in the Permian fossil beds of Elmo, Kansas they accounted for 40% of known fossils. The remnant fauna existing today is quite diverse in life history, as might be expected from more than 200 million years of evolution.

This list of mecopterans (scorpion-flies and hanging-flies) is being placed on the internet as a reference resource to the biological community and curious naturalists. It is an updated version of the world checklist published by Penny & Byers (1979). Most references are completely cited in Schlee (1976). State abbreviations for Brazil, Canada, and U.S.A. use their respective official postal codes. An attempt will be made to keep it current. Anyone wishing to suggest changes or updates should contact Norman D. Penny at NPenny@CalAcademy.org. I wish to thank Hideo Ogai for many helpful suggestions for improvement of the part dealing with the Japanese fauna. Any contributions of mecopteran photos are most greatly appreciated to help make this website more colorful and interesting.

#### **FAMILIES OF MECOPTERA**

- Apteropanorpidae
- <u>Bittacidae (hanging-flies)</u>

### WORLD CHECKLIST OF EXTANT MECOPTERA SPECIES Copyrights and Acknowledgments Page

#### Content for these pages were provided by:

• Dr. Norman D. Penny

#### Images and slides were produced by:

- Dr. Edward S. Ross
  - Dr. D. D. Wilder
    - W. Bicha

#### Web pages were developed by:

- Dr. Norman D. Penny
- Ms. Julieta F. Parinas

#### Special acknowledgment to:

- Gabriel Mascardo
- Zinaida Beynon

Last Update: 31 October 1997

**Back to Mecoptera Checklist** 

#### **FULL**

| 006   | [m ds]  |  |  |
|---|---|--|--|
| 007   | c \$b r \$d m \$e n   |  |  |
| 042   | pcc   |  |  |
| 043   | n-us-ca   |  |  |
| 050 4   | QL430.5.H34 \$b C34   |  |  |
| 245 00  | California abalone \$h [computer file].                                 |  |  |
| 246 1   | \$i Also known as: \$a Abalone information page                         |  |  |
| 256   | Computer data.  |  |  |
| 260   | [Sacramento?]: \$b MRD, Dept. of Fish and Game, \$c [1998?]             |  |  |
| 538   | Mode of access: World Wide Web.   |  |  |
| 500   | Title from title screen (viewed on Nov. 3, 1998).                       |  |  |
| 500 "Information in the California Abalone web site, comes from t |   |  |  |
|   | Department of Fish and Game's Marine Resources Leaflet Number 11,       |  |  |
|   | entitled California Abalone, by Peter L. Haaker, Kristine C. Henderson, |  |  |
|   | and David O. Parker''Ack.   |  |  |
| 500   | "Photographs are by Peter Haaker and web page organization and          |  |  |
|   | graphics by Terry Tillman"—Ack.   |  |  |
| <i>504</i>  | Includes bibliographical references.                                    |  |  |
| 650 0   | Abalones \$z California.  |  |  |
| 650 0   | Abalone fisheries \$z California.                                       |  |  |
| 700 1   | Haaker, Peter L. <i>\$t California abalone</i> .                        |  |  |
| <i>700 1</i>  | Tillman, Terry.   |  |  |
| 710 1   | California. \$b Dept. of Fish and Game. \$b Marine Resources Division.  |  |  |
| 856 40  | \$u http://www.dfg.ca.gov/Mrd/abindex0.html                             |  |  |
|   |   |  |  |

#### **CORE**

| 006    | [m ds]  |
|--------|---|
| 007    | c \$b r \$d m \$e n   |
| 042    | pcc   |
| 043    | n-us-ca   |
| 245 00 | California abalone \$h [computer file].                     |
| 260    | [Sacramento?]: \$b MRD, Dept. of Fish and Game, \$c [1998?] |
| 538    | Mode of access: World Wide Web.                             |
| 500    | Title from title screen (viewed on Nov. 3, 1998).           |
| 650 0  | Abalones \$z California.                                    |
| 650 0  | Abalone fisheries \$z California.                           |
| 700 1  | Haaker, Peter L.  |
| 856 40 | \$u http://www.dfg.ca.gov/Mrd/abindex0.html                 |



Welcome to the Abalone information page, presented by the California Department of Fish and Game. California | CERES | DFG Home | Publications | Links

## **CALIFORNIA ABALONE**

ロムーンの

- Introduction
- Classification
- Anatomy
- Identification
- Life History
- Fishery
- Aquaculture
- References
- How to pick an Abalone
- Acknowledgments
- Regulations



to E-mail Marine Region

| <b>FULL</b> |   |  |
|-------------|---|--|
| •           |   |  |
| 006         | [m df]  |  |
| 007         | c \$b r \$d m \$e n   |  |
| 042         | pcc .   |  |
| 050 4       | QL675 \$b.W44 1998  |  |
| 100 1       | Weller, Milton Webster.   |  |
| 245 12      | A simple field candler for waterfowl eggs \$h [computer file] / \$c Milton W. Weller.                           |  |
| 246 1       | \$i HTML source title: \$a Simple field candler   |  |
| 256         | Computer data.  |  |
| 260         | [Jamestown, N.D.]: \$b Northern Prairie Wildlife Research Center, \$c [1998]                                    |  |
| 538         | Mode of access: World Wide Web.   |  |
| 500         | Description based on: Version 31JUL98; title from title screen (viewed on Aug. 11, 1998).                       |  |
| 504         | Includes bibliographical references.  |  |
| 500         | Electronic reprint. Originally published in: Journal of wildlife management, vol. 20, no. 2 (1956), p. 111-113. |  |
| 650 0       | Waterfowl \$x Eggs \$x Incubation.  |  |
| 650 0       | Waterfowl \$x Age determination.  |  |
| 710 2       | •   |  |
|             | Northern Prairie Wildlife Research Center.  |  |
| 730 0       | Journal of wildlife management.   |  |
| 856 40      | \$u http://www.npwrc.usgs.gov/resource/1998/simplcan/simplcan.htm   |  |

#### CORE

| 006    | [m 	 df]   |
|--------|--|
| 007    | c \$b r \$d m \$e n  |
| 042    | pcc  |
| 100 1  | Weller, Milton Webster.  |
| 245 12 | A simple field candler for waterfowl eggs \$h [computer file] / \$c Milton |
|        | W. Weller.   |
| 246 1  | \$i HTML source title: \$a Simple field candler                            |
| 260    | [Jamestown, N.D.]: \$b Northern Prairie Wildlife Research Center, \$c      |
|        | [1998]   |
| 538    | Mode of access: World Wide Web.  |
| 500    | Description based on: Version 31JUL98; title from title screen (viewed on  |
|        | Aug. 11, 1998).  |
| 650 0  | Waterfowl \$x Eggs \$x Incubation.   |
| 650 0  | Waterfowl \$x Age determination.   |
| 856 40 | \$u http://www.npwrc.usgs.gov/resource/1998/simplcan/simplcan.htm          |



## A Simple Field Candler for Waterfowl Eggs<sup>1</sup>

Milton W. Weller

Missouri Cooperative Wildlife Research Unit University of Missouri, Columbia, Missouri

#### This resource is based on the following source:

Weller, Milton W. 1956. A simple field candler for waterfowl eggs. Journal of Wildlife Management 20(2):111-113.

#### This resource should be cited as:

Weller, Milton W. 1956. A simple field candler for waterfowl eggs. Journal of Wildlife Management 20(2):111-113. Northern Prairie Wildlife Research Center Home Page. http://www.npwrc.usgs.gov/resource/1998/simplcan/simplcan.htm (Version 18AUG98).

#### **Table of Contents**

- Introduction
- Candler
- Light Source
- Criteria for Age Determination
- Literature Cited

<sup>1</sup>Contribution from the Delta Waterfowl Research Station, Delta, Manitoba, and the Missouri Cooperative Wildlife Research Unit: U.S. Fish and Wildlife Service, Wildlife Management Institute, Missouri Conservation Commission, Edward K. Love Foundation, and University of Missouri cooperating. The writer wishes to acknowledge the advice and assistance of Wm. H. Elder and T.S. Baskett, Missouri Cooperative Wildlife Research Unit, and H. Albert Hochbaum and Peter Ward, Delta Waterfowl Research Station.

Accepted for publication January 5, 1955.

<u>Downloading Instructions</u> -- Instructions on downloading and extracting files from this site.

simplcan.zip (37441 bytes) -- A Simple Field Candler for Waterfowl Eggs

Installation: Extract all files and open simplean.htm in a web browser.

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. i ... (May Subd Geog)

25: YZ00

29: C

040:

WaU \$b eng \$c DLC

053:

150:

Log-periodic antennas

**4XX**:

550 BT:

Antennas (Electronics)

**5XX RT:** 

670 Work cat.:

Chen, Y.S. High gain log-periodic antennas, 1967.

670 (Sources found): McGraw-Hill dict. sci. tech. (log-periodic antenna: a broad-band antenna which consists of a sheet of metal with two wedge-shaped cutouts, each with teeth cut into its radii along circular arcs; characteristics are repeated at a number of frequencies that are equally spaced on a logarithmic scale)

670: The new IEEE standard dict. of electrical and electronics terms, 1993: (log-periodic antenna. Any one of a class of antennas having a structural geometry such that its impedance and radiation characteristics repeat periodically as the logarithm of frequency. Any one of a class of antennas having a structural geometry such that its electrical characteristics repeat periodically as the logarithm of frequency.)

675 (Sources not found):

680 Here are entered works on

952: bib. records to be changed

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. i ... (May Subd Geog)

25: YZ00

29: C

040:

CaAE \$b eng \$c DLC

053:

TS1590 (Manufacture)

**150**:

Cotton thread

**4XX:** 

550 BT:

Thread

**5XX RT:** 

670 Work cat.:

Canadian General Standards Board. Cotton thread, 1990.

670 (Sources found):

670:

675 (Sources not found):

680 Here are entered works on

952: bib. records to be changed

LC pattern or SCM Memo:

Silk thread

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. - ... (Not Subd Geog)

25: YZ00

29: C

040:

WaU \$b eng \$c DLC

053:

151:

Hat Island Natural Resource Conservation Area (Wash.)

451:

Hat Island Natural Resources Conservation Area (Wash.)

550 BT:

Natural resources conservation areas \$z Washington (State)

**5XX RT:** 

670 Work cat.: Ebaugh, J.E. Ecological survey, baseline sampling, and research report for the Hat Island Natural Resource Conservation Area, 1995: abstr. (Hat Island, one of the most eastern of the San Juan Islands in Puget Sound, was recently designated as a Washington State Natural Resource Conservation Area (NRCA); Hat Island NRCA) pref. (Hat Island Natural Resources Conservation Area)

670 (Sources found):

670:

675 (Sources not found):

GNIS, March 16, 1999.

680 Here are entered works on

952:

bib. records to be changed

#### SUBJECT AUTHORITY PROPOSAL FORM

008: 2. - ... (Not Subd Geog) 25: YZ00 29: C WaU \$b eng \$c DLC 040: 053: 150: Natural resources conservation areas \$z Washington (State) **4XX**: **5XX BT: 5XX RT:** 670 Work cat.: 670 (Sources found): 670: 675 (Sources not found): 680 Here are entered works on 952: bib. records to be changed

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. i ... (May Subd Geog)

25: YZ00

29: C

040:

WaU \$b eng \$c DLC

053:

QL696.P25 (Zoology)

150:

Brown thrasher

450:

Brown thrush

450:

Toxostoma rufum

**5XX BT:** 

Toxostoma

**5XX RT:** 

670 Work cat.:

Cade, B.S. Habitat suitability index models. Brown

thrasher, 1986.

670 (Sources found): Web. 3.

**670:** Random House (brown thrasher, Toxostoma rufum. Also called brown thrush)

**670:** Integrated Taxonomic Information System query, via WWW, March 5, 1999 (Toxostoma rufum; vernacular name: brown thrasher)

670: National Audubon Society Names of North American birds, via WWW, March 5, 1999 (Brown Thrasher, Toxostoma rufum)

675 (Sources not found):

680 Here are entered works on

952: bib. records to be changed

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. i ... (May Subd Geog)

25: YZ00

29: C

040:

WaU \$b eng \$c DLC

053:

Z682.4.S

150:

Systems librarians

450:

Automated systems librarians

450:

Library systems managers

450:

Network systems librarians

450:

Systems managers, Library

550 BT:

Librarians

**5XX RT:** 

670 Work cat.:

Dorrian, J.M. Educational background of systems librarians,

c1998.

**670 (Sources found):** LC database, May 14, 1999 (systems librarians; systems managers)

**670**: AltaVista search of WWW, May 14, 1999 (systems librarian; network systems librarian)

#### 675 (Sources not found):

**680:** Here are entered works on librarians who specialize in planning, developing, maintaining, and supporting automated systems and services in libraries.

952: bib. records to be changed

952:

Classification proposal also submitted

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. - ... (Not Subd Geog)

25: YZ00

29: C

040:

OCl \$b eng \$c DLC

053:

151:

Egypt \$x History \$y Old Kingdom, ca. 2686-ca. 2181 B.C.

**4XX:** 

5XX BT: 5XX RT:

670 Work cat.: Les crit[grave accent]eres de datation stylistiques [grave accent]a l'Ancien Empire, 1998.

670 (Sources found): Britannica Macro.: v. 18, p. 110 (Egypt, history of, Old Kingdom, c. 2575-c. 2130 B.C., 4th dynasty-8th dynasty)
670: Acad. Am. encyc.: v. 7, p. 84 (Dynasties of Ancient Egypt: Old Kingdom, c. 2686-2181 BC, 3rd dynasty-6th dynasty: exact dating of Egyptian dynasties is impossible; the chronology shown here is one of several used by historians)

**670**: World Book: v. 6, p. 124 (Egypt, Ancient: Old Kingdom, 2686-2181 B.C.)

670: Americana: v. 10, p. 33 (Dynasties and rulers of Ancient Egypt: Old Kingdom (2664-2180 B.C.), dynasty 3-6)

**670**: James, T.G.H. Intro. ancient Egypt, 1990 (ca. 2686-2181 BC)

670: David, A. Handbook to life in ancient Egypt, 1998 (2686-2181

B.C., 3-6 dynasties)

#### 675 (Sources not found):

#### 680 Here are entered works on

952: bib. records to be changed

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. - ... (Not Subd Geog)

25: YZ00

29: C

040:

NNC \$b eng \$c DLC

053:

110:

19th Police Precinct Station House (New York, N.Y.)

410:

25th Police Precinct Station House (New York, N.Y.)

410:

Nineteenth Police Precinct Station House (New York, N.Y.)

550 BT:

Police stations \$z New York (State)

**5XX RT:** 

670 Work cat.:

19th (originally 25th) Police Precinct Station House ...

1999: p. 1 (19th (originally 25th) Police Precinct Station House; loc. at

153-155 East 67th Street, Manhattan, New York; built 1886-87)

670 (Sources found): AIA guide to New York City, 1988: p. 61 (19th

Precinct, New York City Police Dept.; originally 25th Precinct)

675 (Sources not found): The landmarks of New York III, 1998; The heritage of New York, 1970; The encyc. of New York City, c1995; Wolfe,

G.R. New York, a guide to the metropolis, 1994.

680 Here are entered works on

952:

bib. records to be changed

#### SUBJECT AUTHORITY PROPOSAL FORM

008:

2. i ... (May Subd Geog)

25: YZ00

29: C

040:

CU \$b eng \$c DLC

053:

**150**:

Pastoral drama, German

450:

German pastoral drama

550 BT:

German drama

**5XX RT:** 

670 Work cat.:

Caemmerer, C. Siegender Cupido ... 1998.

670 (Sources found):

670:

675 (Sources not found):

680 Here are entered works on

952: bib. records to be changed

LC pattern or SCM Memo:

Pastoral drama, French

#### LCSH Authority Record Change Proposal

| Requestor's NUC symbol:                          |                         | WaU                            |  |
|--|-------------------------|--------------------------------|--|
| Record Control Number                            |                         | 001: sh85-6252 (Aquatic weeds) |  |
| Geogra   | aphic subdivision       | 008/02: 2 i = May Subd Geog    |  |
| Librar   | y of Congress Classific | ation Number (LC CALL NUMBER)  |  |
| 053:   | add: SB614-SB614.3      | 3                              |  |
|  | change:                 |                                |  |
|  | delete:                 |                                |  |
| CHAN   | GE OF HEADING           |                                |  |
| 1XX:   | change to:              |                                |  |
| Chang  | es to Cross-References  |                                |  |
| 4XX:   | add:                    |                                |  |
| 4XX:   | change:                 |                                |  |
| 4XX:   | delete:                 |                                |  |
| Broader Term (BT) & Related Term (RT) References |                         |                                |  |
| 5XX:   | add:                    |                                |  |
| 5XX:   | change:                 |                                |  |
| 5XX:   | delete:                 |                                |  |
| Source   | e Citations             |                                |  |
| 670:   | add:                    |                                |  |
| 670:   |                         |                                |  |
| Scope  | Notes                   |                                |  |
| 680:   | add:                    |                                |  |

#### **LCSH Authority Record Change Proposal**

Requestor's NUC symbol:

WaU

**Record Control Number** 

001: sh85-107831 (Proven[cedilla]cal language)

**Library of Congress Classification Number (LC CALL NUMBER)** 

053: add:

change:

delete:

**CHANGE OF HEADING** 

1XX: change to:

**Changes to Cross-References** 

450:

Lemozin language

add:

Occitan language \$y To 1500

add:

Old Occitan language

change:

delete:

Broader Term (BT) & Related Term (RT) References

5XX: add:

5XX: change:

5XX: delete:

**Source Citations** 

add: Paden, W.D. An introduction to Old Occitan, 1998: p. 3 ("Occitan refers to a Romance language spoken in southern France since the Middle Ages in which the affirmative particle yes is expressed by the word oc. The troubadours, who flourished during the twelfth and thirteenth centuries and remain the most renowned users of this language, did not call it Occitan ... It was called proensal, '(the language) of Provence,' especially in the region of that name east

of the Rh^one and among Italians who were interested in the troubadours. West of the Rh^one and in Catalonia ... it was called lemozin, '(the language) of Limoges.' The first troubadour called it simply romans, 'vernacular (language).') p. 4 ("The noun occitan was introduced into both Occitan and French by the poet Fr[acute]ed[acute]eric Mistral in 1886 and was first recorded in English as late as 1940 (OED). Despite its air of neologism, Occitan is clearly superior to the traditional but misleading term Proven[cedilla]cal, attested in English sinc 1642, since Proven[cedilla]cal unavoidably suggests a language specific to Provence, the region lying to the east of the Rh^one. Occitan enjoys increasing acceptance in all the languages of scholarship on the subject (despite the resistance of Proven[cedilla]cal partisans) and will be adopted here ... Old Occitan refers to the stage of this language during the Middle Ages--that is, from the earliest traces around A.D. 1000 down to about 1500.")

#### **Scope Notes**

680: add:

WaU Requestor's NUC symbol: **Record Control Number** 001: sh85-5139 (Anguilla rostrata) Library of Congress Classification Number (LC CALL NUMBER) (Zoology) 053: add: change: delete: **CHANGE OF HEADING** 1XX: change to: American eel **Changes to Cross-References** Anguilla rostrata EARLIER ESTABLISHED HEADING 4XX: add: Anguille add: Black eel add: Bronze eel add: add: Glass eel Green eel add: add: Little eel River eel add: add: Silver eel Yellow eel add: change: delete: Broader Term (BT) & Related Term (RT) References 5XX: add: 5XX: change:

5XX: delete:

**Source Citations** 

670: add: Facey, D.E. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (North Atlantic).

American eel, 1987: p. 1 (Scientific name: Anguilla rostrata.

Preferred common name: American eel. Other common names:

Anguille, yellow eel, green eel, black eel, little eel, bronze eel, glass eel, silver eel, river eel)

670: Integrated Taxonomic Information System query, via WWW, April 2, 1999 (Anguilla rostrata. Vernacular name: American eel)

670: FishBase WWW, via WWW, April 2, 1999 (Anguilla rostrata. Fishbase name: American eel. Common name: American eel (FAO-approved English name))

670: Common & sci. names of fishes from the U.S. and Canada: p. 16 (Anguilla rostrata (Lesueur, 1817); American eel)

675: Web. 3; Random House

**Scope Notes** 

Requestor's NUC symbol: WaU

**Record Control Number** 

001: sh85-37476 (Diablo Range (Calif.))

Library of Congress Classification Number (LC CALL NUMBER)

053: add:

change:

delete:

**CHANGE OF HEADING** 

1XX: change to:

**Changes to Cross-References** 

4XX: add:

Monte Diablo Range (Calif.)

add:

Mount Diablo Range (Calif.)

add:

Sierra del Monte Diablo (Calif.)

change:

delete:

Broader Term (BT) & Related Term (RT) References

5XX: add:

5XX: change:

5XX: delete:

**Source Citations** 

670: add: Durham, D.L. California's geographic names, c1998: p. 624 (Diablo Range: range, includes the east part of Alameda County and Santa Clara County, and most of the east part of Contra Costa County. The range extends from Carquinez Strait in Contra Costa County southeast to Antelope Valley in Kern County; Mount Diablo is near the northwest end. Called Sierra del Monte Diablo

on Parke's (1854-1855) map. Whitney used the name "Monte Diablo Range," and stated that the rnage "is so called from the conspicuous point [Mount Diablo] of that name." United States Board on Geographic Names (1933) rejected the names "Monte Diablo Range," "Mount Diablo Range," and "Sierra del Monte Diablo" for the feature. Carey and Miller referred to the part of the range east of San Jose in Santa Clara County as Mount Hamilton Range.)

**Scope Notes** 

WaU Requestor's NUC symbol: 001: sh85-58560 (Hamilton Range, Mount (Calif.)) **Record Control Number** Library of Congress Classification Number (LC CALL NUMBER) 053: add: change: delete: **CHANGE OF HEADING** 1XX: change to: **Changes to Cross-References** 4XX: add: 4XX: change: 4XX: delete: Broader Term (BT) & Related Term (RT) References 5XX: add: (BT) Diablo Range (Calif.) 5XX: change: 5XX: delete: **Source Citations** add: Durham, D.L. California's geographic names, c1998: p. 668 670: (Mount Hamilton Range: see Diablo Range) p. 624 (Diablo Range. Carey and Miller referred to the part of the range east of San Jose in Santa Clara County as Mount Hamilton Range.) **Scope Notes** 

680:

add:

Requestor's NUC symbol:

WaU

**Record Control Number** 

001: sh85-101688 (Phytochrome)

Library of Congress Classification Number (LC CALL NUMBER)

053: add:

change:

delete:

**CHANGE OF HEADING** 

1XX: change to:

**Changes to Cross-References** 

4XX: add:

Phytochrome photoreceptors

add:

Phytochromes

change:

delete:

Broader Term (BT) & Related Term (RT) References

5XX: add:

(BT) Plant photoreceptors

5XX: change:

5XX: delete:

**Source Citations** 

670:

add: Regulation of plant growth and development by light, 1996: p. 1-2 (in a single species there may be as many as five different phytochromes) p. 9 (phytochromes are the best characterized photoreceptors for plants)

670: Concise encyc. biology, 1996 (phytochrome: a ubiquitous plant pigment ... It is a water-soluble, blue chromoprotein ... It is an important photoreceptor, which mediates the light sensitivity of many growth and developmental processes)

670: The encyc. of molecular biology, 1994 (under photoreceptor: known photoreceptors include: bacteriochlorophyll, bacteriorhodopsin, chlorophyll, cryptochrome, phytochrome, protochlorophyll, rhodopsin, and certain carotenoid, biliprotein, flavoprotein and haem pigments)

670: Blum, D. The role of red and blue light in leaf and cotyledon expansion, 1998: leaf 8 ("Throughout the plant life cycle, from seed to seedling, through vegetative growth, floral development and eventually seed set, phytochrome photoreceptors play an important role in controlling and fine tuning plant development in response to the light environment.") leaf 9 ("Phytochromes are a family of related photoreversible pigments that absorb mainly red and far-red light but also in the blue wavelengths, though to a lesser degree. Each phytochrome consists of an open chain tetrapyrole chromophore attached to an apoprotein.")

**Scope Notes** 

Requestor's NUC symbol:

WaU

**Record Control Number** 

001: sh85-24579 (Chlorophyll)

Library of Congress Classification Number (LC CALL NUMBER)

053: add:

change:

delete:

CHANGE OF HEADING

1XX: change to:

**Changes to Cross-References** 

4XX: add:

4XX: change:

4XX: delete:

Broader Term (BT) & Related Term (RT) References

5XX: add:

(BT) Plant photoreceptors

5XX: change:

5XX: delete:

**Source Citations** 

add: Lawrence, E. Henderson's dict. of biological terms, 1995: 670: (under photoreceptor: molecule sensitive and responding to

light, such as rhodopsin in retina, chlorophyll in plants)

The encyc. of molecular biology, 1994 (under photoreceptor: known 670: photoreceptors include: bacteriochlorophyll, bacteriorhodopsin, chlorophyll, cryptochrome, phytochrome, protochlorophyll, rhodopsin, and certain carotenoid, biliprotein, flavoprotein and haem pigments)

Blum, D. The role of red and blue light in leaf and cotyledon expansion, 1998: leaf 12 ("Chlorophyll, which absorbs red and blue light, is by far the most abundant photoreceptor in plants.")

**Scope Notes** 

Requestor's NUC symbol: WaU

**Record Control Number** 001: sh85-137224 (Tree farms)

Library of Congress Classification Number (LC CALL NUMBER)

053: add:

change:

delete:

**CHANGE OF HEADING** 

1XX: change to:

**Changes to Cross-References** 

4XX: add: Farms, Tree

add: Forests, Plantedadd: Plantations, Tree

add: Planted forests

add: Tree plantations

Broader Term (BT) & Related Term (RT) References

5XX: add:

5XX: change:

5XX: delete: Forest management

**Source Citations** 

670: add: Planted Forests in Sarawak--an International Conference (1998:

Kuching, Sarawak). Proceedings of Planted Forests in Sarawak--an International Conference, 1998 or 1999: pref. (tree plantations)

**Scope Notes** 

| Reques | stor's NUC symb  | ol: WaU   |
|--------|------------------|---|
| Record | l Control Numb   | er 001: sh85-128574 (Streamflow)  |
| Geogra | aphic subdivisio | 008/02: 2 i = May Subd Geog   |
| Librar | y of Congress C  | assification Number (LC CALL NUMBER)  |
| 053:   | add:             |   |
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| 1XX:   | change to:       |   |
| Chang  | es to Cross-Refe | rences  |
| 4XX:   | add:<br>add:     | River flow<br>Riverflow   |
| 4XX:   | change:          |   |
| 4XX:   | delete:          |   |
| Broad  | er Term (BT) &   | Related Term (RT) References  |
| 5XX:   | add:             |   |
| 5XX:   | change:          |   |
| 5XX:   | delete:          |   |
| Source | e Citations      |   |
| 670:   |                  | k, K.J. A coupled high resolution hydrometeorological study riverflow) leaf 13 (river flow) |
| Scope  | Notes            |   |
| 680:   | add:             |   |

| Class Letters:     | Page:        | No Boo    | k Book      | NOL      | COOP             |
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| GC                 |              | Pattern:  |             | Be       | tter:            |
| Class Number:      | L            | Decimal:  | Cutters, Ca | aptions, | Notes:           |
|                    | [761<br>765  |           | Bayo        | f Be     | ngal]            |
|                    | 765          |           | Austr       | alian    | coast            |
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| Work Cat: Hodgk    | in, E.P. Be  | aufort I  | inlet and   | Gordon   | Inlet, 1988.     |
| For Classification | Editorial Us | e:        |             |          | Weekly List No.: |
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|                    |              |           |             |          | Quarterly No.:   |
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|                    | 803<br>804   |            | Ar         | + Mus     | lash. Tacoma<br>eum (Table N9)<br>1. Museum] |
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|                    | oma Art 1    |            | WWW I      | home po   | ge, Aug. 24, 1998.                           |
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|                    | [682          | .4         |            |         | roups, A-Z<br>estems librari |     |
|                    |               |            |            |         |                              |     |
|                    | ·             |            |            |         |                              |     |
|                    |               |            |            |         |                              |     |
| Work Cat: Dorri    | an, J.M.      | Education  | ral backg  | round   |                              |     |
| For Classification | n Editorial U | Jse:       |            |         | Weekly List N                | o.: |
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| Work Cat: Mus      | ic accom | modatio   | n in sea   | condari              | y schools, c1997. |
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|                                       |        |             |            |         |   |                 |
|                                       |        |             |            |         |   |                 |
| Work Cat: Fergu<br>For Classification |        |             | gy of the  | interio | or Columbia River basin<br>Weekly List No.:           | <u>, 1</u> 999. |
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| Work Cat: Taxasa   |       | entira · i | CÍNAUP     | CONCI N  | ell'arte, 1996.  |
| For Classification |       |            | - Mque     |          | Weekly List No.: |
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| QL                  |           | Pattern:   |                        | Bet      | ter:                       |
| Class Number:       |           | Decimal:   | Cutters, C             | aptions, | Notes:                     |
|                     | [496      |            | Behavio                | or. Soci | al life. Instinct]         |
|                     |           | .12        | Parasi<br>Incl<br>inse |          | parasitic<br>d parasitoids |
|                     |           |            |                        |          |                            |
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|                    | 883          | .143                           | Study and teaching  General works  By region or country  United States |  |  |  |
|                    |              | .144                           | General works  |  |  |  |
|                    |              | .145                           | By region or state, A-Z  |  |  |  |
|                    |              | .148                           | Other regions or countries, A-Z  |  |  |  |
|                    | [883]        | .15                            | Research ]   |  |  |  |
|                    |              |                                |  |  |  |  |
| Work Cat: Clea     | en air expr  | ess, 199                       |  |  |  |  |
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|                    | [5         | .3 .35 .4  | Ge<br>In<br>Cou | neral wor<br>formatio<br>mputer no | in physics ] -ks ] n services etwork resource: the Internet erature] |
|                    |            |            |                 |                                    |  |
| Work Cat: The I    | Internet F | pilot to p | hysics, 1       | ria WWW,                           | Aug. 31, 1998.   |
| For Classification |            |            |                 |                                    | ekly List No.:   |
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|                    | [6675        |           | Other      | , A-Z    | 2]                                      |
|                    |              |           | *.A5       |          | imals as carriers<br>disease. Zoonoses  |
|                    |              |           | (          | Change   | e caption)                              |
|                    |              |           | Ε          | •••]     |   |
|                    |              |           |            |          | onoses, <u>see</u><br>6675.A54          |
|                    |              |           |            |          |   |
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| Work Cat: Jen:     | sen, D.J.    | 3. Zoor   | noses, 1°  | 794,     |   |
| For Classification | Editorial Us | e:        |            |          | Weekly List No.:                        |
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| QL                 |               | Pattern:   |             |        | Better:                          |
| Class Number:      |               | Decimal:   | Cutters, Ca | aption | ns, Notes:                       |
|                    | [638          |            | Osteic      | hthy   | les]                             |
|                    |               |            | * .G:       | 27     | Gasterosteidae<br>(Sticklebacks) |
|                    |               |            | ( <u>Ca</u> | orre   | ect misspelling<br>aption)       |
|                    |               |            |             |        |                                  |
|                    |               |            |             |        | ·                                |
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| Coop. Library Co   |               | Coop. Cat. | Code:       | CPS    | O Notes:                         |

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| Class Number:            | Decimal: Cutters, Captions, Notes: |                       |   |      |  |  |  |
|                          | [638                               | .15                   | By family, A-Z]  * (.B35) Bdellostomatidae,             |      |  |  |  |
|                          |                                    |                       |   |      | <u>see</u> QL638.15.M9                   |  |  |
|                          |                                    |                       | ( <u>Parenthesize</u> cutter and <u>change</u> caption) |      |  |  |  |
|                          |                                    |                       | [   | -]   |  |  |  |
|                          |                                    |                       | * (.P   |      | Paramyxinidae,<br><u>see</u> QL638.15.M9 |  |  |
|                          |                                    |                       | 1   |      | thesize cutter and ge caption)           |  |  |
|                          |                                    |                       |   |      |  |  |  |
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| Name o | of instituti   | on bein   | g trained | · |   |  |  |  |  |
|--------|--|---|-----------|---|---|--|--|--|--|
| Name o | of BIBCO   | Traine  | r (s):    |   |   |  |  |  |  |
| Date:_ |  |   |           |   | _   |  |  |  |  |
|        |  |   | PROG      |   | OR COOPERATIVE CATALOGING BIBCO TRAINING OGRAM EVALUATION |  |  |  |  |
| 1.     | Introduction to the Program for Cooperative Cataloging and its Goals |   |           |   |   |  |  |  |  |
|        | A.   | A. Satisfaction with the content  |           |   |   |  |  |  |  |
|        | 1<br>dissatis  |   | 3         | 4 | 5<br>satisfied  |  |  |  |  |
|        | COMM   | COMMENTS:   |           |   |   |  |  |  |  |
|        |  |   |           |   |   |  |  |  |  |
|        | В.   | Satisfaction with presentation  |           |   |   |  |  |  |  |
|        | 1<br>dissatis  | 2<br>sfied  | 3         | 4 | 5<br>satisfied  |  |  |  |  |
|        | COMN   | MENTS:  | :         |   |   |  |  |  |  |
|        |  |   |           |   | ~   |  |  |  |  |
|        |  |   |           |   |   |  |  |  |  |
| 2.     | Introdu  | Introduction to BIBCO   |           |   |   |  |  |  |  |
|        | A.   | Satisfaction with the content of materials on the 'core record' concept |           |   |   |  |  |  |  |
|        | 1<br>dissati   | 2<br>sfied  | 3         | 4 | 5 satisfied   |  |  |  |  |
|        | COM  | MENTS   | :         |   |   |  |  |  |  |

|          | В.   | Satisfaction with presentation |       |            |                |  |  |  |
|----------|--|--------------------------------|-------|------------|----------------|--|--|--|
|          | 1<br>dissatis                              | 2<br>fied                      | 3     | 4          | 5<br>satisfied |  |  |  |
|          | COMM                                       | ENTS:                          |       |            |                |  |  |  |
| 3.       | Overall evaluation of the Training Program |                                |       |            |                |  |  |  |
|          | A. Satisfaction with the content           |                                |       |            |                |  |  |  |
|          | 1<br>dissatis                              | 2<br>fied                      | 3     | 4          | 5<br>satisfied |  |  |  |
| COMMENTS |  |                                |       |            |                |  |  |  |
|          | B. Satisfaction with Training area         |                                |       |            |                |  |  |  |
|          | 1<br>dissatis                              | 2<br>sfied                     | 3     | 4          | 5<br>satisfied |  |  |  |
|          | COMN                                       |                                |       |            |                |  |  |  |
|          | C. Satisfaction with other arrangements    |                                |       |            |                |  |  |  |
|          | 1<br>dissati                               | 2<br>sfied                     | 3     | 4          | 5<br>satisfied |  |  |  |
| c        | COMI                                       | MENTS:                         |       |            |                |  |  |  |
| 4.       | Other                                      | commer                         | use v | erso if ne | eded):         |  |  |  |

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